



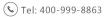


# Histone H1 Monoclonal Antibody

Histone H1. AA range:1-50  Specificity Histone H1 Monoclonal Antibody detects endogenous levels of Histone H1 protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse,IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-1:2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms HIST1H1B; H1F5; Histone H1.5; Histone H1a; Histone H1b; Histone H1s-3; HIST1H1D; H1F3; Histone H1.3; Histone H1c; Histone H1s-2; HIST1H1E; H1f Histone H1.4; Histone H1.4; Histone H1b; Histone H1s-4  Observed Band 31  28kD  Cell Pathway Nucleus. Chromosome. According to PubMed:15911621 more commonly foun-heterochromatin. According to PubMed:10997781 associates with actively transcribed chromatin and not heterochromatin.  Tissue Specificity Ubiquitous. Expressed in the majority of the cell lines tested and in testis.  Function function: Histones H1 are necessary for the condensation of nucleosome chain into higher order structures, similarity. Belongs to the histone H1/H5 familly.  Histones are basic nuclear proteins responsible for nucleosome structure of thoromosomal fiber in eukaryotes. Two molecules of each of the four core histon (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1 interacts with linker DNA between nucleosomes and functions in the compaction.		
Applications WB  Gene Name HIST1H1B Protein Name Histone H1.5  Immunogen The antiserum was produced against synthesized peptide derived from human Histone H1. AA range:1-50  Specificity Histone H1 Monoclonal Antibody detects endogenous levels of Histone H1 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-1:2000  Concentration 1 mg/ml  Purity 290% Storage Stability -20°C/1 year  Synonyms HIST1H1B; H1F5; Histone H1.5; Histone H1a; Histone H1b; Histone H1s-3; HIST1H1E; H1f Histone H1.4; Histone H1.3; Histone H1c; Histone H1s-2; HIST1H1E; H1f Histone H1.4; Histone H1b; Histone H1b; Histone H1s-4  Observed Band 31 28kD  Cell Pathway Nucleus. Chromosome. According to PubMed: 15911621 more commonly foun heterochromatin. According to PubMed: 10997781 associates with actively transcribed chromatin and not heterochromatin.  Tissue Specificity Ubiquitous. Expressed in the majority of the coll lines tested and in testis.  Function function: Histones H1 are necessary for the condensation of nucleosome chain into higher order structures, similarity: Belongs to the histone H1/H5 family., H18 H3, H3, H4/H form an octamer, around which approximately 146 bb DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1 interacts with inker DNA between nucleosomes and functions in the compactive interacts with linker DNA between nucleosomes and functions in the compactive interacts with linker DNA between nucleosomes and functions in the compactive interacts with linker DNA between nucleosomes and functions in the compactive interacts with linker DNA between nucleosomes and functions in the compactive interacts with linker DNA between nucleosomes and functions in the compactive interacts with linker DNA between nucleosomes and functions in the compactive macrosomes and functions in the compactiv	Catalog No	YP-mAb-01785
Applications WB  Gene Name HIST1H1B  Protein Name Histone H1.5  Immunogen The antiserum was produced against synthesized peptide derived from human Histone H1. AA range:1-50  Specificity Histone H1 Monocional Antibody detects endogenous levels of Histone H1 protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monocional, Mouse,lgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-1:2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms HIST1H1B; H1F5; Histone H1.5; Histone H1a; Histone H1b; Histone H1s-3; HIST1H1D; H1F3; Histone H1a; Histone H1b; Histone H1s-2; HIST1H1E; H1f Histone H1.4; Histone H1b; Histone H1b; Histone H1s-4  Observed Band 31  28kD  Cell Pathway Nucleus. Chromosome. According to PubMed:15911621 more commonly foun heterochromatin. According to PubMed:10997781 associates with actively transcribed chromatin and not heterochromatin.  Tissue Specificity Ubiquitous. Expressed in the majority of the coll lines tested and in testis.  Function function:Histones H1 are necessary for the condensation of nucleosome chain into higher order structures. similarity:Belongs to the histone H1/H5 family.  Histones are basic nuclear proteins responsible for nucleosomes chain into higher order structures. similarity:Belongs to the histone H1/H5 family.  Histones are basic nuclear proteins responsible for nucleosomes. The linker histone, H1 interacts with inker DNA between nucleosomes. The linker histone, H1 interacts with inker DNA between nucleosomes and functions in the compaction interacts with inker DNA between nucleosomes and functions in the compaction interacts with inker DNA between nucleosomes and functions in the compaction interacts with inker DNA between nucleosomes and functions in the compaction.	Isotype	IgG
Gene Name Histone H1.5  Immunogen The antiserum was produced against synthesized peptide derived from human Histone H1. AA range:1-50  Specificity Histone H1 Monoclonal Antibody detects endogenous levels of Histone H1 protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse, IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-1:2000  Concentration 1 mg/ml  Purity 290%  Storage Stability -20°C/1 year  Synonyms HIST1H1B; H1F5; Histone H1.5; Histone H1a; Histone H1s-3; HIST1H1D; H1F3; Histone H1.3; Histone H1c; Histone H1s-2; HIST1H1E; H1f Histone H1.4; Histone H1.5; Histone H1s-4  Observed Band 31  28kD  Cell Pathway Nucleus. Chromosome. According to PubMed:15911621 more commonly foun heterochromatin. According to PubMed:10997781 associates with actively transcribed chromatin and not heterochromatin.  Tissue Specificity Ubiquitous. Expressed in the majority of the cell lines tested and in testis.  Function function:Histones H1 are necessary for the condensation of nucleosome chain into higher order structures, similarity:Belongs to the histone H1/H5 family.  Histones are basic nuclear proteins responsible for nucleosome structure of thormosomal fiber in eukaryotes. Two molecules of each of the four core histone (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 by DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1 interacts with linker DNA between nucleosomes and functions in the compactic interacts with linker DNA between nucleosomes and functions in the compactic interacts with linker DNA between nucleosomes and functions in the compactic interacts with linker DNA between nucleosomes and functions in the compactic interacts with linker DNA between nucleosomes and functions in the compactic interacts with linker DNA between nucleosomes and functions in the compactic interacts with linker DNA between and	Reactivity	Human;Mouse
Protein Name	Applications	WB
Immunogen The antiserum was produced against synthesized peptide derived from human Histone H1. AA range:1-50  Specificity Histone H1 Monoclonal Antibody detects endogenous levels of Histone H1 protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse,IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-1:2000  Concentration 1 mg/ml ≥90%  Storage Stability -20°C/1 year  Synonyms HIST1H1B; H1F5; Histone H1.5; Histone H1a; Histone H1b; Histone H1s-3; HIST1H1D; H1F3; Histone H1b; Histone H1s-2; HIST1H1E; H1f Histone H1.4; Histone H1b; Histone H1s-4  Observed Band 31 28kD  Cell Pathway Nucleus. Chromosome. According to PubMed:15911621 more commonly foun heterochromatin. According to PubMed:10997781 associates with actively transcribed chromatin and not heterochromatin.  Tissue Specificity Ubiquitous. Expressed in the majority of the coll lines tested and in testis.  Function function:Histones H1 are necessary for the condensation of nucleosome chain into higher order structures, similarity:Belongs to the histone H1/H5 family.,  Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histo (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1 interacts with linker DNA between nucleosomes and functions in the compaction in the compaction of nucleosomes and functions in the compaction and the compaction of nucleosomes and functions in the compac	Gene Name	HIST1H1B
Histone H1. AA range:1-50  Specificity Histone H1 Monoclonal Antibody detects endogenous levels of Histone H1 protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse,IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-1:2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms HIST1H1B; H1F5; Histone H1.5; Histone H1a; Histone H1b; Histone H1s-3; HIST1H1D; H1F3; Histone H1.3; Histone H1c; Histone H1s-2; HIST1H1E; H1F Histone H1.4; Histone H1.4; Histone H1b; Histone H1s-4  Observed Band 31  28kD  Cell Pathway Nucleus. Chromosome. According to PubMed:15911621 more commonly founteterochromatin. According to PubMed:10997781 associates with actively transcribed chromatin and not heterochromatin.  Tissue Specificity Ubiquitous. Expressed in the majority of the cell lines tested and in testis.  Function function:Histones H1 are necessary for the condensation of nucleosome chain into higher order structures, similarity:Belongs to the histone H1/H5 familly.  Background Histones are basic nuclear proteins responsible for nucleosome structure of thoromosomal fiber in eukaryotes. Two molecules of each of the four core histon (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1 interacts with linker DNA between nucleosomes and functions in the compaction.	Protein Name	Histone H1.5
Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse, IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-1:2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms HIST1H1B; H1F5; Histone H1.5; Histone H1a; Histone H1b; Histone H1s-3; HIST1H1D; H1F3; Histone H1.3; Histone H1c; Histone H1s-2; HIST1H1E; H1f Histone H1.4; Histone H1b; Histone H1b; Histone H1s-4  Observed Band 31 28kD  Cell Pathway Nucleus. Chromosome. According to PubMed:15911621 more commonly founheterochromatin. According to PubMed:10997781 associates with actively transcribed chromatin and not heterochromatin.  Tissue Specificity Ubiquitous. Expressed in the majority of the cell lines tested and in testis.  Function function:Histones H1 are necessary for the condensation of nucleosome chain into higher order structures., similarity:Belongs to the histone H1/H5 familly.,  Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histone (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp DNA is wrapped in repeating units, called nucleosomes. Inte interacts with linker DNA between nucleosomes and functions in the compaction of the	Immunogen	The antiserum was produced against synthesized peptide derived from human Histone H1. AA range:1-50
Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Monoclonal, Mouse, IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-1:2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         HIST1H1B; H1F5; Histone H1.5; Histone H1a; Histone H1s-2; HIST1H1E; H1f Histone H1.4; Histone H1b; Histone H1s-4           Observed Band         31           28kD         Nucleus. Chromosome. According to PubMed:15911621 more commonly four heterochromatin. According to PubMed:10997781 associates with actively transcribed chromatin and not heterochromatin.           Tissue Specificity         Ubiquitous. Expressed in the majority of the cell lines tested and in testis.           Function         function:Histones H1 are necessary for the condensation of nucleosome chain into higher order structures, similarity:Belongs to the histone H1/H5 familly.,           Background         Histones are basic nuclear proteins responsible for nucleosomes tructure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histon (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp DNA is wrapped in repeating units, called nucleosomes and functions in the compactic interacts with linker DNA between nucleosomes and functions in the compactic interacts with linker DNA between nu	Specificity	
Purification  The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB 1:500-1:2000  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  HIST1H1B; H1F5; Histone H1.5; Histone H1a; Histone H1b; Histone H1s-3; HIST1H1D; H1F3; Histone H1.3; Histone H1c; Histone H1s-2; HIST1H1E; H1f Histone H1.4; Histone H1b; Histone H1s-4  Observed Band  31  28kD  Cell Pathway  Nucleus. Chromosome. According to PubMed:15911621 more commonly foun heterochromatin. According to PubMed:10997781 associates with actively transcribed chromatin and not heterochromatin.  Tissue Specificity  Ubiquitous. Expressed in the majority of the cell lines tested and in testis.  Function  function:Histones H1 are necessary for the condensation of nucleosome chain into higher order structures.,similarity:Belongs to the histone H1/H5 family.,  Background  Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histo (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1 interacts with linker DNA between nucleosomes and functions in the compactive	Formulation	•
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Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       HIST1H1B; H1F5; Histone H1.5; Histone H1a; Histone H1b; Histone H1s-3; Histone H1c; Histone H1s-2; HIST1H1E; H1f Histone H1.4; Histone H1b; Histone H1s-4         Observed Band       31         28kD         Cell Pathway       Nucleus. Chromosome. According to PubMed:15911621 more commonly found heterochromatin. According to PubMed:10997781 associates with actively transcribed chromatin and not heterochromatin.         Tissue Specificity       Ubiquitous. Expressed in the majority of the cell lines tested and in testis.         Function       function:Histones H1 are necessary for the condensation of nucleosome chain into higher order structures.,similarity:Belongs to the histone H1/H5 family.,         Background       Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histon (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1 interacts with linker DNA between nucleosomes and functions in the compactic	Purification	
Purity ≥90%  Storage Stability -20°C/1 year  Synonyms HIST1H1B; H1F5; Histone H1.5; Histone H1a; Histone H1b; Histone H1s-3; HIST1H1D; H1F3; Histone H1.3; Histone H1c; Histone H1s-2; HIST1H1E; H1F Histone H1.4; Histone H1b; Histone H1s-4  Observed Band 31 28kD  Cell Pathway Nucleus. Chromosome. According to PubMed:15911621 more commonly founheterochromatin. According to PubMed:10997781 associates with actively transcribed chromatin and not heterochromatin.  Tissue Specificity Ubiquitous. Expressed in the majority of the cell lines tested and in testis.  Function function:Histones H1 are necessary for the condensation of nucleosome chain into higher order structures, similarity:Belongs to the histone H1/H5 family.,  Background Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core historical H2B, H3, and H4) form an octamer, around which approximately 146 bp DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1 interacts with linker DNA between nucleosomes and functions in the compaction.	Dilution	WB 1:500-1:2000
Synonyms  HIST1H1B; H1F5; Histone H1.5; Histone H1a; Histone H1b; Histone H1s-3; HIST1H1D; H1F3; Histone H1.3; Histone H1c; Histone H1s-2; HIST1H1E; H1F Histone H1.4; Histone H1b; Histone H1s-4  Observed Band  28kD  Cell Pathway  Nucleus. Chromosome. According to PubMed:15911621 more commonly foun- heterochromatin. According to PubMed:10997781 associates with actively transcribed chromatin and not heterochromatin.  Tissue Specificity  Ubiquitous. Expressed in the majority of the cell lines tested and in testis.  Function  function:Histones H1 are necessary for the condensation of nucleosome chain into higher order structures.,similarity:Belongs to the histone H1/H5 familly.,  Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histor (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1 interacts with linker DNA between nucleosomes and functions in the compactic	Concentration	1 mg/ml
Synonyms  HIST1H1B; H1F5; Histone H1.5; Histone H1a; Histone H1b; Histone H1s-3; HIST1H1D; H1F3; Histone H1.3; Histone H1c; Histone H1s-2; HIST1H1E; H1F Histone H1.4; Histone H1b; Histone H1s-4  Observed Band  31  28kD  Cell Pathway  Nucleus. Chromosome. According to PubMed:15911621 more commonly found heterochromatin. According to PubMed:10997781 associates with actively transcribed chromatin and not heterochromatin.  Tissue Specificity  Ubiquitous. Expressed in the majority of the cell lines tested and in testis.  Function  function:Histones H1 are necessary for the condensation of nucleosome chain into higher order structures.,similarity:Belongs to the histone H1/H5 family.,  Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histor (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1 interacts with linker DNA between nucleosomes and functions in the compactic	Purity	≥90%
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replication-dependent histone that is a member of the histone H1 family.  Transcripts from this gene lack polyA tails but instead contain a palindromic	Background	Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic



## UpingBio technology Co.,Ltd







termination element. This gene is found in the small histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015],

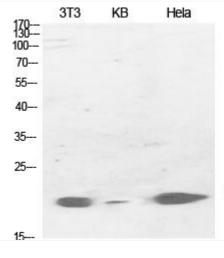
#### matters needing attention

Avoid repeated freezing and thawing!

### **Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

# **Products Images**



Western Blot analysis of various cells using Histone H1 Monoclonal Antibody

Histone H1