



HoxB5 Monoclonal Antibody

Catalog No	YP-mAb-15766
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	HOXB5
Immunogen	The antiserum was produced against synthesized peptide derived from human HoxB5. AA range:150-199
Specificity	HoxB5 Monoclonal Antibody detects endogenous levels of HoxB5 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	HU 1;HOX2A;HHO.C10;HoxB5;Homeobox protein Hox-B5;Homeobox protein HHO.C10;Homeobox protein Hox-2A;Homeobox protein Hu-1
Observed Band	29kD
Calculated Molecular Weight	29kD
Cell Pathway	Nucleus.
Tissue Specificity	Spinal cord.
Function	developmental stage:Embryo.,function:Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.,similarity:Belongs to the Antp homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,tissue specificity:Spinal cord.,
Background	This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in lung and gut development. Increased expression of this gene is associated with a distinct



biologic subset of acute myeloid leukemia (AML) and the occurrence of bronchopulmonary sequestration (BPS) and congenital cystic adenomatoid malformation (CCAM) tissue. [provided by RefSeq, Jul 2008],

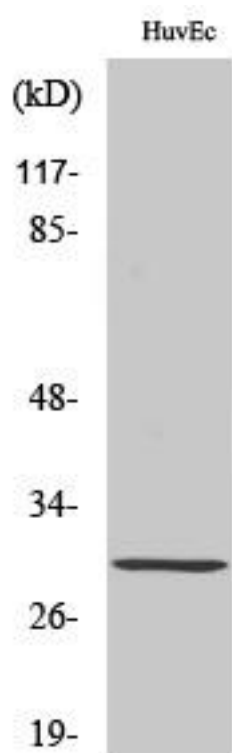
matters needing attention

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 HoxB5 Monoclonal Antibody