

Tel: 400-999-8863
 ■ Email:Upingbio.163.com



PCNA Monoclonal Antibody(12D10), Biotin Conjugated

Catalog No YP-Ab-04650 Isotype IgG Reactivity Human;Rat;Mouse Applications WB;IF;IHC Gene Name PCNA Protein Name Proliferating cell nuclear antigen Immunogen Specificity Specificity PCNA Monoclonal Antibody(12D10) Biotin conjugated specially designed for your William of IHC analysis. Formulation Liquid in IPBS, pH 7.4, containing 0.02% sodium azide as preservative and 50% Glycerol. Source Monoclonal, Mouse IgG1 Purification The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. Dilution Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB: 1:5000, IHC: 1:200. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PCNA; Proliferating cell nuclear antigen; PCNA; Cyclin Observed Band 30-33kd Cell Pathway Nucleus . Colocalizes with CREBBP, EP300 and POLD1 to sites of DNA damage (PubMed:1543138), Co-Clocalizes with SMARCA/SIS/RF2H and BAZ18/WSTF at replication and vary in morphology and number during S phase (PubMed:15543136). Together with APEX2		
Reactivity Human;Rat;Mouse Applications WB;IF;IHC Gene Name PCNA Protein Name Proliferating cell nuclear antigen Immunogen PCNA Monoclonal Antibody(12D10) Biotin conjugated specially designed for your WB or iHC analysis. Formulation Liquid in PBS, pH 7.4, containing 0.02% sodium azide as preservative and 50% Glycerol. Source Monoclonal, Mouse IgG1 Purification The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. Dilution Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB: 1:5000, IHC: 1:200. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PCNA; Proliferating cell nuclear antigen; PCNA; Cyclin Observed Band 30-33kd Cell Pathway Nucleus. Colocalizes with CREBBP, EP300 and POLD1 to sites of DNA damage (PubMed: 24939902). Forms nuclear foci representing sites of ongoing DNA replication and vary in morphology and number during S phase (PubMed: 15543138). Co-localizes with SMARCA5/SNF2H and BAZ1B/WSTF at replication foci during S phase (PubMed: 15543138). Together with APEX2, is redistributed in discrete nuclear foci in presence of oxidative DNA damaging agents	Catalog No	YP-Ab-04650
Applications WB;IF;IHC Gene Name PCNA Protein Name Proliferating cell nuclear antigen Immunogen Specificity PCNA Monocional Antibody(12D10) Biotin conjugated specially designed for your WB or IHC analysis. Formulation Liquid in PBS, pH 7.4, containing 0.02% sodium azide as preservative and 50% Glycerol. Source Monocional, Mouse IgG1 Purification The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. Dilution Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB: 1:5000, IHC: 1:200. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PCNA; Proliferating cell nuclear antigen; PCNA; Cyclin Observed Band 30-33kd Cell Pathway Nucleus . Colocalizes with CREBBP, EP300 and POLD1 to sites of DNA damage (PubMed:24939902). Forms nuclear foci representing sites of ongoing DNA replication and vary in morphology and number during S phase (PubMed:15543136). Co-localizes with SMARCA5/SNF2H and BAZ1B/NSTF1 are replication foci during S phase (PubMed:15543136). Together with APEX2, is redistributed in discrete nuclear foci in presence of oxidative DNA damaging agents. Tissue Specificity Bone marrow,Fetal brain cortex,Lung,Placenta, disease:Antibodies are present in sera from patients with systemic lupus erythematosus, function:This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand, online information:PCNA entry PTM:Upon methyl methanesulfonate-induced DNA	Isotype	IgG
Gene Name PCNA Protein Name Proliferating cell nuclear antigen Immunogen PCNA Monoclonal Antibody(12D10) Biotin conjugated specially designed for your WB or IHC analysis. Formulation Liquid in PBS, pH 7.4, containing 0.02% sodium azide as preservative and 50% Glycerol. Source Monoclonal, Mouse IgG1 Purification The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. Dilution Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB: 1:5000, IHC: 1:200. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PCNA; Proliferating cell nuclear antigen; PCNA; Cyclin Observed Band 30-33kd Cell Pathway Nucleus . Colocalizes with CREBBP, EP300 and POLD1 to sites of DNA damage (PubMed:15543136). To-localizes with SMARCA5/SNF2H and BAZ1B/WSTF at replication and vary in morphology and number during S phase (PubMed:15543136). To-gether with APEX2, is redistributed in discrete nuclear foci in presence of oxidative DNA damaging agents . Tissue Specificity Bone marrow, Fetal brain cortex, Lung, Placenta, Function disease: Antibodies are present in sera from patients with systemic lupus erythematosus, function:This prot	Reactivity	Human;Rat;Mouse
Protein Name Proliferating cell nuclear antigen	Applications	WB;IF;IHC
Immunogen	Gene Name	PCNA
Specificity PCNA Monoclonal Antibody(12D10) Biotin conjugated specially designed for your WB or IHC analysis. Formulation Liquid in PBS, pH 7.4, containing 0.02% sodium azide as preservative and 50% Glycerol. Monoclonal, Mouse IgG1 Purification The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. Dilution Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB: 1:5000, IHC: 1:200. Concentration 1 mg/ml Purity 90% Storage Stability -20°C/1 year Synonyms PCNA; Proliferating cell nuclear antigen; PCNA; Cyclin Observed Band 30-33kd Cell Pathway Nucleus. Colocalizes with CREBBP, EP300 and POLD1 to sites of DNA damage (PubMed:24939902). Forms nuclear foci representing sites of ongoing DNA replication and vary in morphology and number during S phase (PubMed:15543136). Co-localizes with SMARCA5/SNF2H and BAZ1B/WSTF at replication and vary in morphology and number during S phase (PubMed:15543136). Together with APEX2, is redistributed in discrete nuclear foci in presence of oxidative DNA damaging agents. Tissue Specificity Bone marrow,Fetal brain cortex,Lung,Placenta, disease:Antibodies are present in sera from patients with systemic lupus erythematosus, function:This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand, online	Protein Name	Proliferating cell nuclear antigen
Termulation Liquid in PBS, pH 7.4, containing 0.02% sodium azide as preservative and 50% Glycerol. Source Monoclonal, Mouse IgG1 Purification The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. Dilution Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB: 1:5000, IHC: 1:200. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PCNA; Proliferating cell nuclear antigen; PCNA; Cyclin Observed Band 30-33kd Cell Pathway Nucleus. Colocalizes with CREBBP, EP300 and POLD1 to sites of DNA damage (PubMed:24939902). Forms nuclear foci representing sites of ongoing DNA replication and vary in morphology and number during S phase (PubMed:15543136). Co-localizes with SMARCA5/SNF2H and BAZ1B/WSTF at replication foci during S phase (PubMed:15543136). Together with APEX2, is redistributed in discrete nuclear foci in presence of oxidative DNA damaging agents. Tissue Specificity Bone marrow,Fetal brain cortex,Lung,Placenta, disease:Antibodies are present in sera from patients with systemic lupus erythematosus. function:This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand, online Information:PCNA entry.PTW.Upon methyl methanesulfonate-induced DNA	Immunogen	
Source Monoclonal, Mouse IgG1 Purification The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. Dilution Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB: 1:5000, IHC: 1:200. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PCNA; Proliferating cell nuclear antigen; PCNA; Cyclin Observed Band 30-33kd Cell Pathway Nucleus . Colocalizes with CREBBP, EP300 and POLD1 to sites of DNA damage (PubMed:24939902). Forms nuclear foci representing sites of ongoing DNA replication and vary in morphology and number during S phase (PubMed:15543136). Co-localizes with SMCA5/SNF2H and BAZ1B/WSTF at replication for during S phase (PubMed:15543136). Together with APEX2, is redistributed in discrete nuclear foci in presence of oxidative DNA damaging agents. Tissue Specificity Bone marrow, Fetal brain cortex, Lung, Placenta, disease: Antibodies are present in sera from patients with systemic lupus erythematosus. function: This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand, online information: PCNA entry. PTM: Ubon methyl methanesulfonate-induced DNA	Specificity	PCNA Monoclonal Antibody(12D10) Biotin conjugated specially designed for your WB or IHC analysis.
Purification The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. Dilution Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB: 1:5000, IHC: 1:200. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PCNA; Proliferating cell nuclear antigen; PCNA; Cyclin Observed Band 30-33kd Cell Pathway Nucleus . Colocalizes with CREBBP, EP300 and POLD1 to sites of DNA damage (PubMed:24939902). Forms nuclear foci representing sites of ongoing DNA replication and vary in morphology and number during S phase (PubMed:15543136). Co-localizes with SMARCA5/SNF2H and BAZ1B/WSTF at replication foci during S phase (PubMed:15543136). Together with APEX2, is redistributed in discrete nuclear foci in presence of oxidative DNA damaging agents. Tissue Specificity Bone marrow,Fetal brain cortex,Lung,Placenta, disease:Antibodies are present in sera from patients with systemic lupus erythematosus, function:This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand, online information:PCNA entry-TTM:Upon methyl methanesulfonate-induced DNA	Formulation	
using specific immunogen. Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB: 1:5000, IHC: 1:200. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PCNA; Proliferating cell nuclear antigen; PCNA; Cyclin Observed Band 30-33kd Cell Pathway Nucleus . Colocalizes with CREBBP, EP300 and POLD1 to sites of DNA damage (PubMed:24939902). Forms nuclear foci representing sites of ongoing DNA replication and vary in morphology and number during S phase (PubMed:15543136). Co-localizes with SMARCA5/SNF2H and BAZ1B/WSTF at replication foci during S phase (PubMed:15543136). Together with APEX2, is redistributed in discrete nuclear foci in presence of oxidative DNA damaging agents. Tissue Specificity Bone marrow,Fetal brain cortex,Lung,Placenta, disease:Antibodies are present in sera from patients with systemic lupus erythematosus, function:This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand, online information:PCNA entry.PTM:Upon methyl methanesulfonate-induced DNA	Source	Monoclonal, Mouse IgG1
inivestigator. Suggested starting dilutions are as follows: WB: 1:5000, IHC: 1:200. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PCNA; Proliferating cell nuclear antigen; PCNA; Cyclin Observed Band 30-33kd Cell Pathway Nucleus . Colocalizes with CREBBP, EP300 and POLD1 to sites of DNA damage (PubMed:24939902). Forms nuclear foci representing sites of ongoing DNA replication and vary in morphology and number during S phase (PubMed:15543136). Co-localizes with SMARCA5/SNF2H and BAZ1B/WSTF at replication foci during S phase (PubMed:15543136). Together with APEX2, is redistributed in discrete nuclear foci in presence of oxidative DNA damaging agents Tissue Specificity Bone marrow,Fetal brain cortex,Lung,Placenta, disease:Antibodies are present in sera from patients with systemic lupus erythematosus.,function:This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand, online information:PCNA entry.PTM:Upon methyl methanesulfonate-induced DNA	Purification	
Purity ≥90% Storage Stability -20°C/1 year Synonyms PCNA; Proliferating cell nuclear antigen; PCNA; Cyclin Observed Band 30-33kd Cell Pathway Nucleus . Colocalizes with CREBBP, EP300 and POLD1 to sites of DNA damage (PubMed:24939902). Forms nuclear foci representing sites of ongoing DNA replication and vary in morphology and number during S phase (PubMed:15543136). Co-localizes with SMARCA5/SNF2H and BAZ1B/WSTF at replication foci during S phase (PubMed:15543136). Together with APEX2, is redistributed in discrete nuclear foci in presence of oxidative DNA damaging agents Tissue Specificity Bone marrow,Fetal brain cortex,Lung,Placenta, disease:Antibodies are present in sera from patients with systemic lupus erythematosus.,function:This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand.,online information:PCNA entry.PTM:Upon methyl methanesulfonate-induced DNA	Dilution	investigator. Suggested starting dilutions are as follows: WB: 1:5000, IHC:
Storage Stability -20°C/1 year PCNA; Proliferating cell nuclear antigen; PCNA; Cyclin Observed Band Observed Band Nucleus . Colocalizes with CREBBP, EP300 and POLD1 to sites of DNA damage (PubMed:24939902). Forms nuclear foci representing sites of ongoing DNA replication and vary in morphology and number during S phase (PubMed:15543136). Co-localizes with SMARCA5/SNF2H and BAZ1B/WSTF at replication foci during S phase (PubMed:15543136). Together with APEX2, is redistributed in discrete nuclear foci in presence of oxidative DNA damaging agents . Tissue Specificity Bone marrow,Fetal brain cortex,Lung,Placenta, disease:Antibodies are present in sera from patients with systemic lupus erythematosus.,function:This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand.,online information:PCNA entry.PTM:Upon methyl methanesulfonate-induced DNA	Concentration	1 mg/ml
Synonyms PCNA; Proliferating cell nuclear antigen; PCNA; Cyclin 30-33kd Cell Pathway Nucleus . Colocalizes with CREBBP, EP300 and POLD1 to sites of DNA damage (PubMed:24939902). Forms nuclear foci representing sites of ongoing DNA replication and vary in morphology and number during S phase (PubMed:15543136). Co-localizes with SMARCA5/SNF2H and BAZ1B/WSTF at replication foci during S phase (PubMed:15543136). Together with APEX2, is redistributed in discrete nuclear foci in presence of oxidative DNA damaging agents. Tissue Specificity Bone marrow,Fetal brain cortex,Lung,Placenta, disease:Antibodies are present in sera from patients with systemic lupus erythematosus.,function:This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand.,online information:PCNA entry,PTM:Upon methyl methanesulfonate-induced DNA	Purity	≥90%
Observed Band Observ	Storage Stability	-20°C/1 year
Cell Pathway Nucleus . Colocalizes with CREBBP, EP300 and POLD1 to sites of DNA damage (PubMed:24939902). Forms nuclear foci representing sites of ongoing DNA replication and vary in morphology and number during S phase (PubMed:15543136). Co-localizes with SMARCA5/SNF2H and BAZ1B/WSTF at replication foci during S phase (PubMed:15543136). Together with APEX2, is redistributed in discrete nuclear foci in presence of oxidative DNA damaging agents. Tissue Specificity Bone marrow,Fetal brain cortex,Lung,Placenta, disease:Antibodies are present in sera from patients with systemic lupus erythematosus.,function:This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand.,online information:PCNA entry.PTM:Upon methyl methanesulfonate-induced DNA	Synonyms	PCNA; Proliferating cell nuclear antigen; PCNA; Cyclin
(PubMed:24939902). Forms nuclear foci representing sites of ongoing DNA replication and vary in morphology and number during S phase (PubMed:15543136). Co-localizes with SMARCA5/SNF2H and BAZ1B/WSTF at replication foci during S phase (PubMed:15543136). Together with APEX2, is redistributed in discrete nuclear foci in presence of oxidative DNA damaging agents Tissue Specificity Bone marrow,Fetal brain cortex,Lung,Placenta, disease:Antibodies are present in sera from patients with systemic lupus erythematosus.,function:This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand.,online information:PCNA entry.PTM:Upon methyl methanesulfonate-induced DNA	Observed Band	30-33kd
Tissue Specificity Bone marrow,Fetal brain cortex,Lung,Placenta, disease:Antibodies are present in sera from patients with systemic lupus erythematosus.,function:This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand.,online information:PCNA entry.PTM:Upon methyl methanesulfonate-induced DNA	Cell Pathway	(PubMed:24939902). Forms nuclear foci representing sites of ongoing DNA replication and vary in morphology and number during S phase (PubMed:15543136). Co-localizes with SMARCA5/SNF2H and BAZ1B/WSTF at replication foci during S phase (PubMed:15543136). Together with APEX2, is redistributed in discrete nuclear foci in presence of oxidative DNA damaging
erythematosus.,function:This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand.,online information:PCNA entry.PTM:Upon methyl methanesulfonate-induced DNA	Tissue Specificity	
	Function	erythematosus.,function:This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand.,online information:PCNA entry.PTM:Upon methyl methanesulfonate-induced DNA



UpingBio technology Co.,Ltd

(Tel: 400-999-8863 **(** Emall:Upingbio.163.com



	induces non-canonical poly-ubiquitination on Lys-164 through 'Lys-63' linkage of ubiquitin moieties by the E2 complex UBE2N-UBE2V2 and the E3 ligases RNF8 and SHPRH, which are required for DNA repair.,similarity:Belongs to the PCNA family.,subunit:Homotrimer. Interacts with KCTD10. Interacts with PPP1R15A (By similarity). Forms a complex with activator 1 heteropentamer in the presence of ATP. Interacts with POLH, POLK, DNMT1, ERCC5/XPG, FEN1, C
Background	The protein encoded by this gene is found in the nucleus and is a cofactor of DNA polymerase delta. The encoded protein acts as a homotrimer and helps increase the processivity of leading strand synthesis during DNA replication. In response to DNA damage, this protein is ubiquitinated and is involved in the RAD6-dependent DNA repair pathway. Two transcript variants encoding the same protein have been found for this gene. Pseudogenes of this gene have been described on chromosome 4 and on the X chromosome. [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