

Mouse Proliferating Cell Nuclear Antigen (PCNA) Monoclonal Antibody | anti-PCNA antibody

Monoclonal Antibody to Proliferating Cell Nuclear Antigen (PCNA)

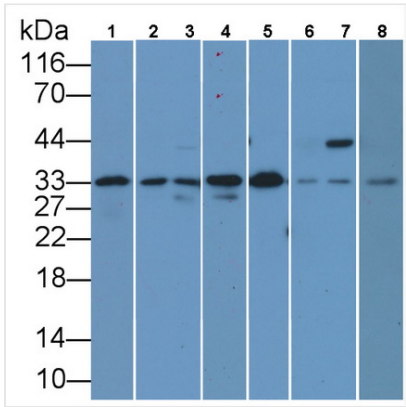
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21233	Mouse	Human, Mouse, Rat, Pig, Guinea pig, Goat, Sheep, Chicken	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation

PRODUCT SYNONYMS

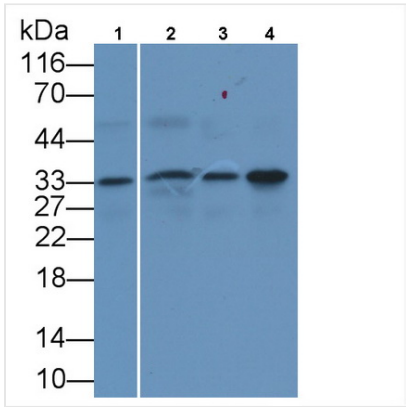
Proliferating Cell Nuclear Antigen (PCNA); Monoclonal Antibody; Monoclonal Antibody to Proliferating Cell Nuclear Antigen (PCNA); Proliferating Cell Nuclear Antigen; Cyclin; anti-PCNA antibody

PRODUCT SPECIFICATIONS

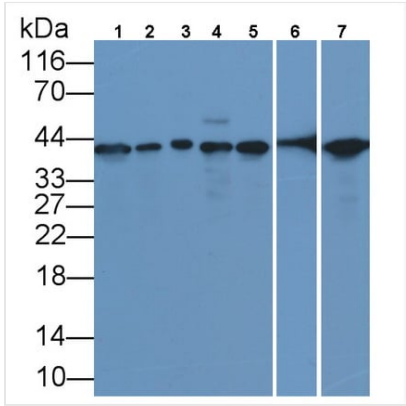
Host	Mouse
Reactivity	Human, Mouse, Rat, Pig, Guinea pig, Goat, Sheep, Chicken
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C8
Specificity	The antibody is a mouse monoclonal antibody raised against PCNA. It has been selected for its ability to recognize PCNA in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Leu6~Ser261
Applicable Applications for anti-PCNA antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	WB: 0.5-3ug/mL IHC: 5-30ug/mL ICC: 5-30ug/mL
Immunogen	Recombinant Proliferating Cell Nuclear Antigen (PCNA)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



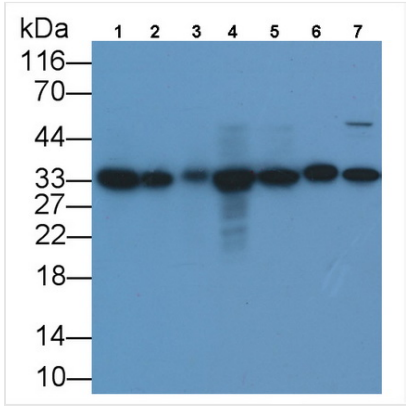
WB (Western Blot)
Western Blot; Sample: Lane1: Rat Spleen lysate; Lane2: Porcine Heart lysate; Lane3: Porcine Liver lysate; Lane4: Porcine Spleen lysate; Lane5: Cavia Spleen lysate; Lane6: Caprine Heart lysate; Lane7: Caprine Liver lysate; Lane8: Gallus CerebuM lysatePrimary Ab: 1ug/ml Mouse Anti-ulti-species PCNA AntibodySecond Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



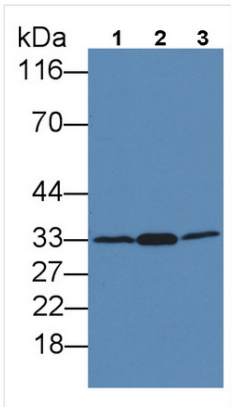
WB (Western Blot)
Western Blot; Sample: Lane1: Mouse Small intestine lysate; Lane2: Mouse Lymph node lysate; Lane3: Mouse Ovary lysate; Lane4: Mouse Thymus lysatePrimary Ab: 1ug/ml Mouse Anti-ulti-species PCNA AntibodySecond Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



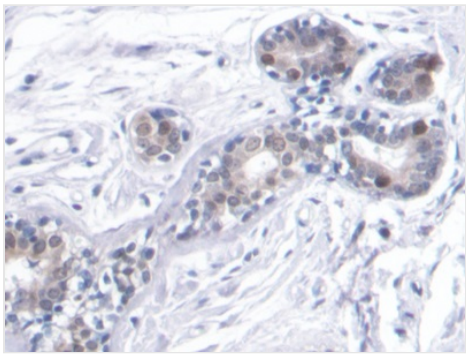
WB (Western Blot)
Western Blot; Sample: Lane1: Sp2/0 cell lysate; Lane2: SGC7901 cell lysate; Lane3: ECV304 cell lysate; Lane4: PC3 cell lysate; Lane5: A375 cell lysate; Lane6: A431 cell lysate; Lane7: Jurkat cell lysatePrimary Ab: 1ug/ml Mouse Anti-ulti-species PCNA AntibodySecond Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: Lane1: A549 cell lysate; Lane2: 293T cell lysate; Lane3: A875 cell lysate; Lane4: HepG2 cell lysate; Lane5: Hela cell lysate; Lane6: YAC1 cell lysate; Lane7: MCF7 cell lysatePrimary Ab: 1ug/ml Mouse Anti-ulti-species PCNA AntibodySecond Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: Lane1: Mouse Testis lysate; Lane2: Jurkat cell lysate; Lane3: Rat Testis lysate Primary Ab: 3ug/ml Mouse Anti-ulti-species PCNA Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: human Breast cancer Tissue; Primary Ab: 20ug/ml Mouse Anti-ulti-species PCNA Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-PCNA antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Tumor immunity
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7242171
NCBI GeneID	18538
NCBI Accession #	NP_035175.1
NCBI GenBank Nucleotide #	NM_011045.2
UniProt Accession #	P17918; P04961
Molecular Weight	28,785 Da
NCBI Official Full Name	proliferating cell nuclear antigen
NCBI Official Synonym Full Names	proliferating cell nuclear antigen
NCBI Official Symbol	Pcna
NCBI Protein Information	proliferating cell nuclear antigen; cyclin
UniProt Protein Name	Proliferating cell nuclear antigen
UniProt Gene Name	Pcna
UniProt Synonym Gene Names	PCNA
UniProt Entry Name	PCNA_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/proliferating-cell-nuclear-antigen-pcna-antibody-clone-c8-western-blot-immunohistochemistry-immunocytochemistry-immunoprecipitation-elisa/21233>