

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

Monoclonal Antibody to Proliferating Cell Nuclear Antigen (PCNA)

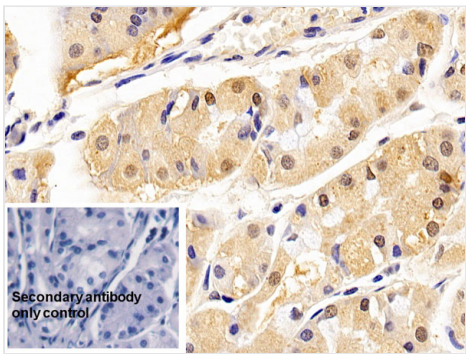
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21232	Mouse	Human, Mouse, Rat, Rabbit, Dog, Pig, Guinea pig, Bovine, Goat, Sheep, Horse, Chicken	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation

PRODUCT SYNONYMS

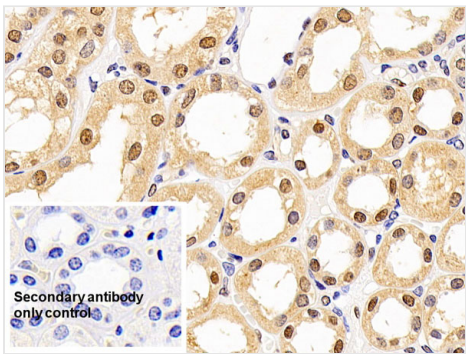
Proliferating Cell Nuclear Antigen (PCNA); Monoclonal Antibody; Monoclonal Antibody to Proliferating Cell Nuclear Antigen (PCNA); Proliferating Cell Nuclear Antigen; Cyclin; anti-PCNA antibody

PRODUCT SPECIFICATIONS

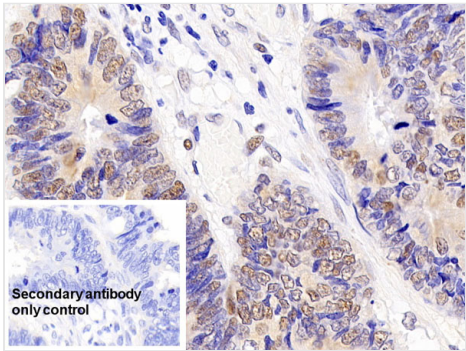
Host	Mouse
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Pig, Guinea pig, Bovine, Goat, Sheep, Horse, Chicken
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	C7
Specificity	The antibody is a mouse monoclonal antibody raised against PCNA. It has been selected for its ability to recognize PCNA in immunohistochemical 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: 0.01-2ug/mL IHC: 5-20ug/mL ICC: 5-20ug/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.



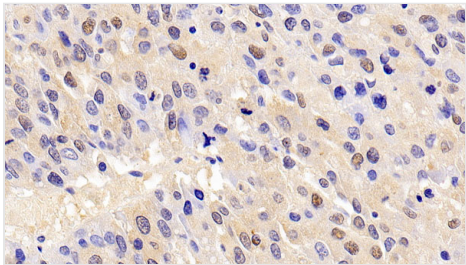
IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: human Stomach Tissue Primary Ab: 10ug/ml Mouse Anti-ulti-species PCNA Antibody Control: Used PBS instead of primary antibody Second Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



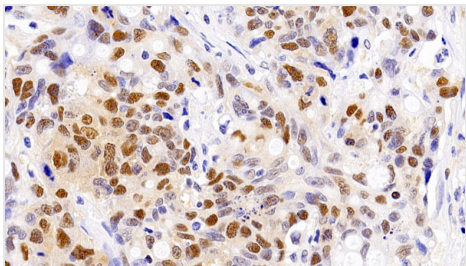
IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: human Kidney Tissue Primary Ab: 10ug/ml Mouse Anti-ulti-species PCNA Antibody Control: Used PBS instead of primary antibody Second Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



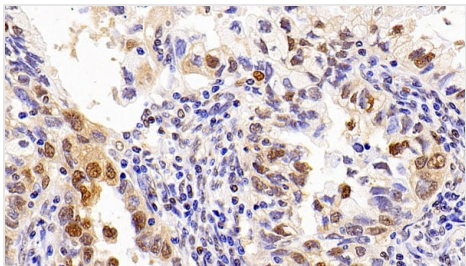
IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: human Colorectal cancer Tissue Primary Ab: 10ug/ml Mouse Anti-ulti-species PCNA Antibody Control: Used PBS instead of primary antibody Second Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: human Liver cancer Tissue; Primary Ab: 10ug/ml Mouse Anti-ulti-species PCNA Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: human Lymphoma Tissue; Primary Ab: 10ug/ml Mouse Anti-ulti-species PCNA Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: human Endometrial cancer Tissue; Primary Ab: 10ug/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-c7-western-blot-immunohistochemistry-immunocytochemistry-immunoprecipitation-elisa/21232>