

Datasheet for ABIN1882273
anti-PCNA antibody (C-Term)[Go to Product page](#)

4 Images

1 Publication

Overview

Quantity:	400 µL
Target:	PCNA
Binding Specificity:	AA 236-261, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PCNA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PCNA antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 236-261 amino acids from the C-terminal region of human PCNA.
Clone:	1157CT1-1-3
Isotype:	IgG1
Predicted Reactivity:	B, Ha, Pr
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	PCNA
Alternative Name:	PCNA (PCNA Products)

Target Details

Background:	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. Induces a robust stimulatory effect on the 3'-5' exonuclease and 3'-phosphodiesterase, but not apurinic-apyrimidinic (AP) endonuclease, APEX2 activities. Has to be loaded onto DNA in order to be able to stimulate APEX2.
Molecular Weight:	28769
NCBI Accession:	NP_002583 , NP_872590
UniProt:	P12004
Pathways:	Telomere Maintenance , DNA Damage Repair , Mitotic G1-G1/S Phases , DNA Replication , Synthesis of DNA , Autophagy

Application Details

Application Notes:	WB: 1:2000. IHC: 1:2000. IHC-P: 1:25. IHC-P: 1:25
Restrictions:	For Research Use only

Handling

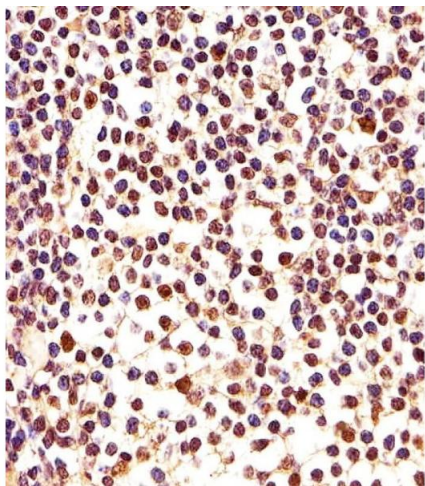
Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Expiry Date:	6 months

Publications

Product cited in:	Wendeler, Pabst, Wang, Strouse, Wang, Hunter: "Process-scale purification and analytical characterization of highly gamma-carboxylated recombinant human prothrombin." in: Journal of chromatography. A , Vol. 1325, pp. 171-8, (2014) (PubMed).
	Yang, Ko, Yang, Kim, Seo, Park, Choi, Seong, Kweon: "Interleukin-1 promotes coagulation, which is necessary for protective immunity in the lung against Streptococcus pneumoniae infection."

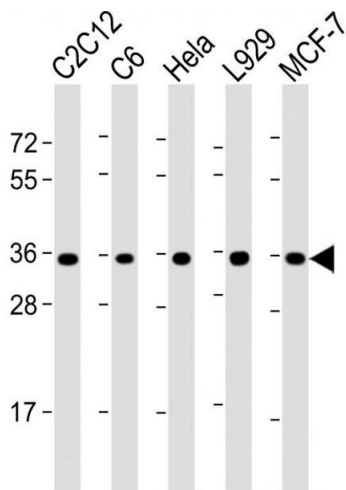
in: **The Journal of infectious diseases**, Vol. 207, Issue 1, pp. 50-60, (2012) ([PubMed](#)).

Lim, Joy, Hill, San Brian Chia: "Novel agmatine and agmatine-like peptidomimetic inhibitors of the West Nile virus NS2B/NS3 serine protease." in: **European journal of medicinal chemistry**, Vol. 46, Issue 7, pp. 3130-4, (2011) ([PubMed](#)).



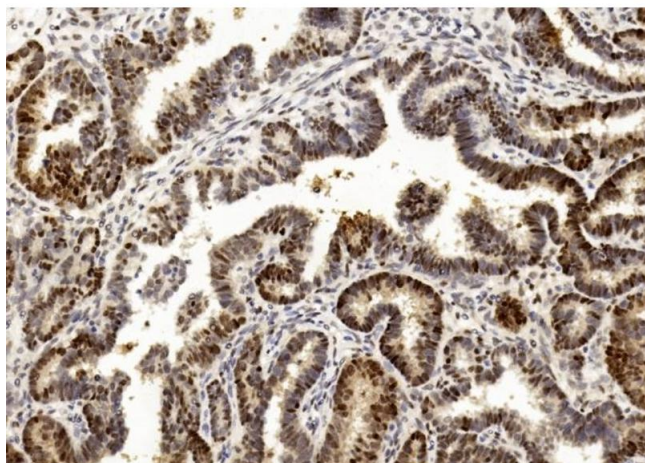
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of paraffin-embedded H. lymph section using PCNA Antibody (C-term) B. B was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



Western Blotting

Image 2. All lanes : Anti-PCNA Antibody (C-term) at 1:2000 dilution Lane 1: C2C12 whole cell lysate Lane 2: C6 whole cell lysate Lane 3: HeLa whole cell lysate Lane 4: whole cell lysate Lane 5: MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 29 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded Human Ovarian cancer section using Pink1 (ABIN1882273 and ABIN2838445). (ABIN1882273 and ABIN2838445) was diluted at 1:2000 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1882273.