

Rabbit anti-Human SENP1 Monoclonal Antibody | anti-SENP1 antibody

SENP1 Antibody

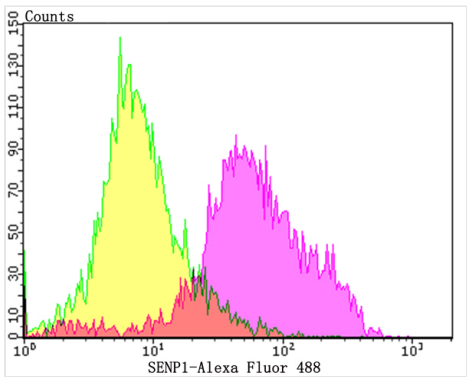
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30500	Rabbit	Human	Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

SENP1; Monoclonal Antibody; SENP1 Antibody; SENP 1 antibody; SENP1 antibody; SENP1_HUMAN antibody; Sentrin specific protease 1 antibody; Sentrin-specific protease 1 antibody; Sentrin/SUMO specific protease 1 antibody; Sentrin/SUMO specific protease antibody; Sentrin/SUMO specific protease SENP 1 antibody; Sentrin/SUMO specific protease SENP1 antibody; Sentrin/SUMO-specific protease SENP1 antibody; SUMO1/sentrin specific peptidase 1 antibody; SUMO1/sentrin specific protease 1 antibody; SuPr 2 antibody; SuPr2 antibody; anti-SENP1 antibody

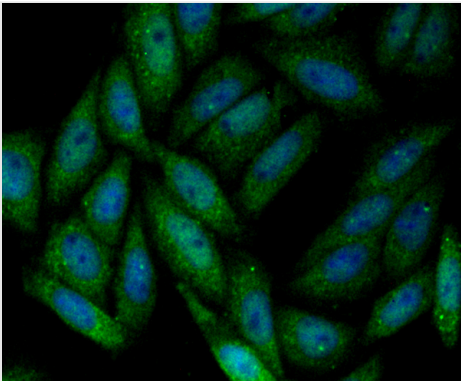
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JG37-79
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-SENP1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 ICC: 1:50-1:200 FC/FACS: 1:50-1:100
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein within human SENP1 aa 300-500.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.



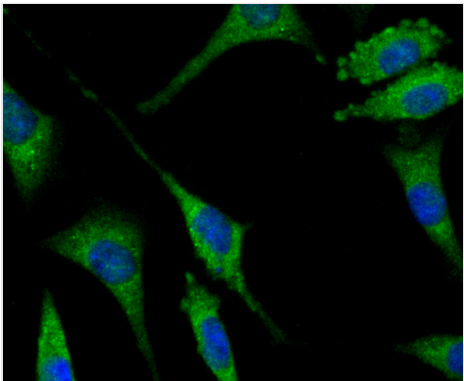
FCM (Flow Cytometry)

Flow cytometric analysis of Daudi cells with SENP1 antibody at 1/100 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



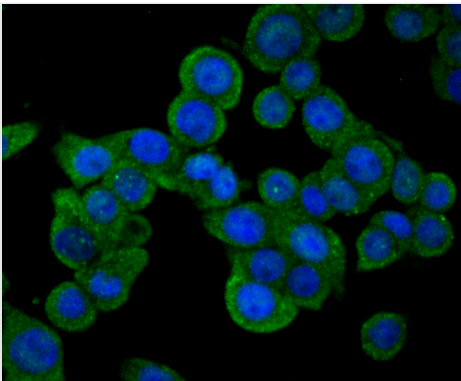
ICC (Immunocytochemistry)

ICC staining SENP1 in SiHa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



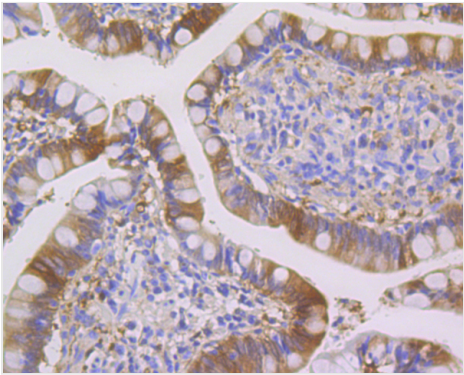
ICC (Immunocytochemistry)

ICC staining SENP1 in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



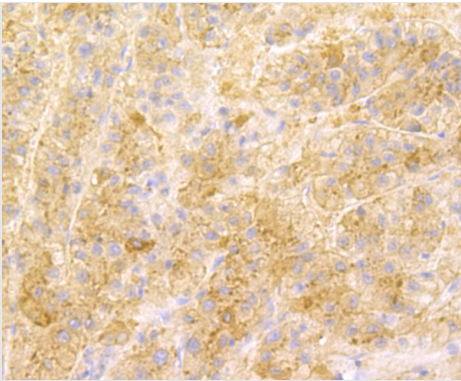
ICC (Immunocytochemistry)

ICC staining SENP1 in LOVO cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human small intestine tissue using anti-SENP1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-SENP1 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-SENP1 antibody

Protease that catalyzes two essential functions in the SUMO pathway. The first is the hydrolysis of an alpha-linked peptide bond at the C-terminal end of the small ubiquitin-like modifier (SUMO) propeptides, SUMO1, SUMO2 and SUMO3 leading to the mature form of the proteins. The second is the deconjugation of SUMO1, SUMO2 and SUMO3 from targeted proteins, by cleaving an epsilon-linked peptide bond between the C-terminal glycine of the mature SUMO and the lysine epsilon-amino group of the target protein. Deconjugates SUMO1 from HIPK2. Deconjugates SUMO1 from HDAC1 and BHLHE40/DEC1, which decreases its transcriptional repression activity. Deconjugates SUMO1 from CLOCK, which decreases its transcriptional activation activity. Deconjugates SUMO2 from MTA1. Desumoylates CCAR2 which decreases its interaction with SIRT1. Deconjugates SUMO1 from GPS2.

Product Categories/Family for anti-
SENP1 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	390131988
NCBI GeneID	29843
NCBI Accession #	NP_001254523.1
NCBI GenBank Nucleotide #	NM_001267594.1
UniProt Accession #	Q9P0U3; Q86XC8; A8K7P5
Molecular Weight	73,481 Da
NCBI Official Full Name	sentrin-specific protease 1
NCBI Official Synonym Full Names	SUMO1/sentrin specific peptidase 1
NCBI Official Symbol	SENP1
NCBI Official Synonym Symbols	SuPr-2
NCBI Protein Information	sentrin-specific protease 1; SUMO1/sentrin specific protease 1; sentrin/SUMO-specific protease SENP1
UniProt Protein Name	Sentrin-specific protease 1
UniProt Gene Name	SENP1
UniProt Entry Name	SENP1_HUMAN

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/senp1-antibody-clone-jg37-79-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-flow-cytometry-elisa/30500>