

Mouse SERPINB6 Monoclonal Antibody | anti-SERPINB6 antibody

SERPINB6 antibody

CATALOG # AAA107128	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

SERPINB6; Monoclonal Antibody; SERPINB6 antibody; Monoclonal SERPINB6; Anti-SERPINB6; CAP; DFNB91; DKFZp686I04222; MGC111370; MSTP057; PI6; PTI; SPI3; SERPINB 6; SERPINB-6; anti-SERPINB6 antibody

PRODUCT SPECIFICATIONS

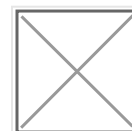
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	3H3
Purity/Purification	SERPINB6 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	380
Applicable Applications for anti-SERPINB6 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	The protein encoded by this gene is a member of the serpin (serine proteinase inhibitor) superfamily, and ovalbumin(ov)-serpin subfamily. It was originally discovered as a placental thrombin inhibitor. The mouse homolog was found to be expressed in the hair cells of the inner ear. Mutations in this gene are associated with nonsyndromic progressive hearing loss, suggesting that this serpin plays an important role in the inner ear in the protection against leakage of lysosomal content during stress, and that loss of this protection results in cell death and sensorineural hearing loss.
Cross-Reactivity	Human, Monkey, Mouse
Immunogen	SERPINB6 antibody was raised in Mouse using full length human recombinant protein of human SERPINB6 produced in HEK293T cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant SERPINB6 protein using SERPINB6 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant SERPINB6 protein (Right) or empty vector (Left) detected with SERPINB6 antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HeLa cells using SERPINB6 antibody (Red), compared to a nonspecific negative control antibody (Blue).

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINB6 antibody	Mouse monoclonal SERPINB6 antibody
Product Categories/Family for anti-SERPINB6 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	425876796
NCBI GeneID	5269
NCBI Accession #	NP_001182220.2
NCBI GenBank Nucleotide #	NM_001195291.2
UniProt Accession #	P35237 ; Q59F97 ; Q5TD06 ; Q7Z2Y7 ; Q96J44 ; Q9UDI7 ; B2RBA8
Molecular Weight	42,622 Da
NCBI Official Full Name	serpin B6 isoform b
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade B (ovalbumin), member 6
NCBI Official Symbol	SERPINB6
NCBI Official Synonym Symbols	CAP; PI6; PTI; PI-6; SPI3; DFNB91; MSTP057
NCBI Protein Information	serpin B6
UniProt Protein Name	Serpin B6
UniProt Gene Name	SERPINB6
UniProt Synonym Gene Names	PI6; PTI; CAP; PI-6
UniProt Entry Name	SPB6_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/serpinb6-antibody-clone-3h3-western-blot-immunofluorescence-flow-cytometry-elisa/107128>