

Mouse SPINT1 Monoclonal Antibody | anti-SPINT1 antibody

SPINT1 antibody

CATALOG # AAA106728	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

SPINT1; Monoclonal Antibody; SPINT1 antibody; Monoclonal SPINT1; Anti-SPINT1; HAI; HAI1; MANSC2; SPINT 1; SPINT-1; anti-SPINT1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4H2
Purity/Purification	SPINT1 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	507
Applicable Applications for anti-SPINT1 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	The protein encoded by this gene is a member of the Kunitz family of serine protease inhibitors. The protein is a potent inhibitor specific for HGF activator and is thought to be involved in the regulation of the proteolytic activation of HGF in injured tissues. Alternative splicing results in multiple variants encoding different isoforms.
Cross-Reactivity	Human, Dog, Rat, Monkey, Mouse
Immunogen	SPINT1 antibody was raised in Mouse using full length human recombinant protein of human SPINT1 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 SPINT1 protein using SPINT1 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant SPINT1 protein (Right) or empty vector (Left) detected with SPINT1 antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant SPINT1 protein (red) or empty vector (blue) stained using SPINT1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-SPINT1 antibody	Mouse monoclonal SPINT1 antibody
Product Categories/Family for anti-SPINT1 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	13543203
NCBI GeneID	20732
UniProt Accession #	Q9R097 ; Q99J04
Molecular Weight	56,591 Da
NCBI Official Full Name	Spint1 protein
NCBI Official Synonym Full Names	serine protease inhibitor, Kunitz type 1
NCBI Official Symbol	Spint1
NCBI Official Synonym Symbols	HAI-1
NCBI Protein Information	kunitz-type protease inhibitor 1
UniProt Protein Name	Kunitz-type protease inhibitor 1
UniProt Gene Name	Spint1
UniProt Synonym Gene Names	Hai1; HAI-1
UniProt Entry Name	SPIT1_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/spint1-antibody-clone-4h2-western-blot-immunofluorescence-flow-cytometry-elisa/106728>