

Mouse anti-Human Alpha-1-Antitrypsin Monoclonal Antibody | anti-SERPINA1 antibody

Alpha-1-Antitrypsin Mouse Monoclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA102683	Mouse	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

Alpha-1-Antitrypsin; Monoclonal Antibody; Alpha-1-Antitrypsin Mouse Monoclonal; anti-SERPINA1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Purity/Purification	>=95% as determined by SDS-PAGE Protein A+G purification
Form/Format	Liquid
Sequence Length	418
Applicable Applications for anti-SERPINA1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1
Preparation and Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20 degree C for 24 months (Avoid repeated freeze / thaw cycles.)

IMAGES



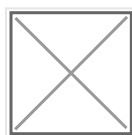
WB (Western Blot)

HepG2 cells were subjected to SDS PAGE followed by western blot with AAA102683 (Alpha-1-Antitrypsin antibody) at dilution of 1:1000



IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA102683 (Alpha-1-Antitrypsin Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG (H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver using AAA102683 (Alpha-1-Antitrypsin antibody) at dilution of 1:1000

NCBI AND UNIPROT INFORMATION

NCBI GI #	189163542
NCBI GeneID	5265

NCBI Accession #	NP_001121179.1
NCBI GenBank Nucleotide #	NM_001127707.1
Molecular Weight	34,755 Da
NCBI Official Full Name	alpha-1-antitrypsin
NCBI Official Synonym Full Names	serpin family A member 1
NCBI Official Symbol	SERPINA1
NCBI Official Synonym Symbols	PI; A1A; AAT; PI1; A1AT; PRO2275; alpha1AT
NCBI Protein Information	alpha-1-antitrypsin
UniProt Protein Name	Alpha-1-antitrypsin
UniProt Gene Name	SERPINA1
UniProt Synonym Gene Names	AAT; PI; SPAAT
UniProt Entry Name	A1AT_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/alpha-1-antitrypsin-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/102683>