

Mouse Alpha-1-antitrypsin Monoclonal Antibody | anti-SERPINA1 antibody

Alpha-1-Antitrypsin Monoclonal Antibody

CATALOG # AAA47637	HOST Mouse	APPLICATIONS IA (Immunoassay)
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PRODUCT SYNONYMS

Alpha-1-antitrypsin; Monoclonal Antibody; Alpha-1-Antitrypsin Monoclonal Antibody; Anti-Alpha-1-antitrypsin; Alpha-1- Anti-Trypsin; anti-SERPINA1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Specificity	Anti-Alpha-1-antitrypsin [Human serum alpha-1-antitrypsin (4 clones). LP] These antibodies specifically recognize alpha-1-antitrypsin.They do not crossreact with alpha-1-antichymotrypsin.
Form/Format	1 ml ascites or 1 mg Protein G-purified antibody in PBS, pH 7.4
Sequence Length	418
Applicable Applications for anti-SERPINA1 antibody	IA (Immunoassay)
Antigen	Purified human serum alpha- 1-antitrypsin.
Activity	Ig mg/ml* :35.4 ELISA Titer**1:102,400 (Note: * Determined by radial immunodiffusion for several lots of ascites. **ELISA is an indirect assay against alpha-1-antitrypsin on the solid phase. Titers represent endpoint dilutions that achieve absorbance values >= 0.1)
Stabilizer	None
Preservatives	None. Available on request
Dilutions Instructions	Dilute in PBS or medium which is identical to that used in the assay system.
Preparation and Storage	These antibodies are stable for at least one (1) year at -20 degree C to -70 degree C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SERPINA1 antibody	Enzyme and Enzyme Inhibitor Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	151302818
UniProt Accession #	P01009; Q0PVP5; Q13672; Q53XB8; Q5U0M1; Q7M4R2; Q86U18; Q86U19; Q96BF9; Q96ES1; A6PX14; B2RDQ8
Molecular Weight	46,737 Da
NCBI Official Full Name	alpha-1-antitrypsin

UniProt Protein Name	Alpha-1-antitrypsin
UniProt Gene Name	SERPINA1
UniProt Synonym Gene Names	AAT; PI
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://www.aaabiotech.com/monoclonal/alpha-1-antitrypsin-antibody-immunoassay-elisa/47637>