

Mouse PAI-1 Monoclonal Antibody | anti-SerpineE1 antibody

Anti-PAI-1 Antibody, Mouse Monoclonal

CATALOG # AAA27728	HOST Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

PAI-1; Monoclonal Antibody; Anti-PAI-1 Antibody; Mouse Monoclonal; SerpinE1/PAI-1 Antibody; Mouse MAb; serpin peptidase inhibitor; clade E (nexin; plasminogen activator inhibitor type 1); member 1; Anti-PAI Antibody; Anti-PAI1 Antibody; Anti-PLANH1 Antibody; Anti-SERPINE1 Antibody; anti-SerpineE1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	01
Specificity	Human SerpinE1/PAI-1
Purity/Purification	Protein A affinity chromatography.
Form/Format	0.2um filtered solution in PBS
Concentration	1.31mg/ml (varies by lot)
Applicable Applications for anti-SerpineE1 antibody	ELISA
Application Notes	Sandwich ELISA (Cap): 1:250-1:2000 This antibody will detect Human SerpinE1/PAI-1 in ELISA pair set (). In a sandwich ELISA, it can be used as capture antibody when paired with (). Optimal concentrations/dilutions should be determined by the end user.
Immunogen	Recombinant Human SerpinE1/PAI-1 Protein
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human SerpinE1 / PAI-1 (rh SerpinE1 / PAI-1; NP_000593.1; Met1-Pro402). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

ADDITIONAL INFORMATION

References	Alessi MC, et al. (2006) PAI-1 and the metabolic syndrome: links, causes, and consequences. Arterioscler Thromb Vasc Biol. 26(10): 2200-7.Schneider DJ, et al. (2008) The effect of plasminogen activator inhibitor type 1 on apoptosis. Thromb Haemost. 100(6): 1037-40.Dupont DM, et al. (2009) Biochemical properties of plasminogen activator inhibitor-1. Front Biosci. 14: 1337-61.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10835159
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NCBI GeneID	5054
NCBI Accession #	NP_000593.1
NCBI GenBank Nucleotide #	NM_000602.4
UniProt Accession #	P05121; B7Z4S0; F8WD53
NCBI Official Full Name	plasminogen activator inhibitor 1
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1
NCBI Official Symbol	SERPINE1
NCBI Official Synonym Symbols	PAI; PAI1; PAI-1; PLANH1
NCBI Protein Information	plasminogen activator inhibitor 1; serpin E1; endothelial plasminogen activator inhibitor; serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1
UniProt Protein Name	Plasminogen activator inhibitor 1
UniProt Gene Name	SERPINE1
UniProt Synonym Gene Names	PAI1; PLANH1; PAI; PAI-1
UniProt Entry Name	PAI1_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/pai-1-antibody-clone-01-elisa/27728>