

For Research Use Only

Mouse Serpin E1/PAI-1 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83980-4-PBS



Basic Information

Catalog Number: 83980-4-PBS	GenBank Accession Number: GeneID (NCBI): 18787	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	UNIPROT ID: P22777	CloneNo.: 241130H6
Source: Rabbit	Full Name: serine (or cysteine) peptidase inhibitor, clade E, member 1	
Isotype: IgG	Calculated MW: 45kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
mouse

Product Information

83980-4-PBS targets Serpin E1/PAI-1 as part of a matched antibody pair:

MP00875-2: 83980-1-PBS capture and 83980-4-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Background Information

SERPINE1, also named as Plasminogen activator inhibitor type 1 (PAI-1), is a member of the serine protease inhibitor (SERPIN) superfamily. PAI-1 is the principal inhibitor of tPA and uPA, and hence is an inhibitor of fibrinolysis. Defects in this gene are the cause of plasminogen activator inhibitor-1 deficiency (PAI-1 deficiency), and high concentrations of the gene product are associated with thrombophilia.

Storage

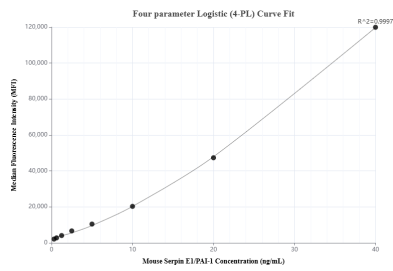
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Cytometric bead array standard curve of MP00875-2, MOUSE Serpin E1/PAI-1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83980-1-PBS. Detection antibody: 83980-4-PBS. Standard: Eg1100. Range: 0.313-40 ng/mL