

For Research Use Only

Mouse Neutrophil elastase Recombinant antibody, PBS Only (Detector)

Catalog Number: 84473-5-PBS



Basic Information

Catalog Number: 84473-5-PBS	GenBank Accession Number: NM_015779.2	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 50701	CloneNo.: 241842A6
Source: Rabbit	UNIPROT ID: Q3UP87	
Isotype: IgG	Full Name: elastase 2, neutrophil	
	Calculated MW: 29KD	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
mouse

Product Information

84473-5-PBS targets Neutrophil elastase as part of a matched antibody pair:

MP01355-4: 84473-4-PBS capture and 84473-5-PBS detection (validated in Sandwich ELISA)

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.

Storage

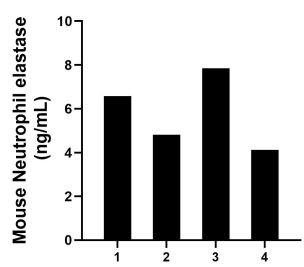
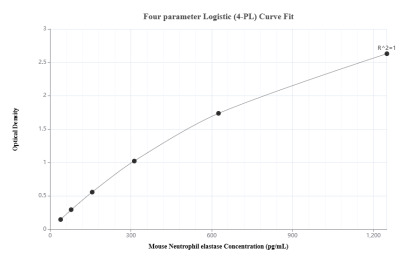
Storage:
Store at -80°C.

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
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Sandwich ELISA standard curve of MP01355-4, Mouse Neutrophil elastase Recombinant Matched Antibody Pair - PBS only. 84473-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2126. 84473-5-PBS was HRP conjugated as the detection antibody. Range: 39.1-1250 pg/mL

Serum of four mice was measured. The mouse Neutrophil elastase concentration of detected samples was determined to be 5.84 ng/mL with a range of 4.12 - 7.85 ng/mL.