

For Research Use Only

# Mouse Neutrophil elastase Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 84473-4-PBS



## Basic Information

Catalog Number:

84473-4-PBS

Size:

100ug, Concentration: 1 mg/ml by  
Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_015779.2

GeneID (NCBI):

50701

UNIPROT ID:

Q3UP87

Full Name:

elastase 2, neutrophil

Calculated MW:

29KD

Purification Method:

Protein A purification

CloneNo.:

241842E7

## Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA,  
Sample test

Species Specificity:

mouse

## Product Information

84473-4-PBS targets Neutrophil elastase as part of a matched antibody pair:

MP01355-1: 84473-2-PBS capture and 84473-4-PBS detection (validated in Cytometric bead array)

MP01355-2: 84473-1-PBS capture and 84473-4-PBS detection (validated in Cytometric bead array)

MP01355-3: 84473-4-PBS capture and 84473-3-PBS detection (validated in Cytometric bead array)

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

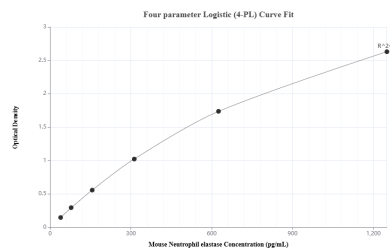
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

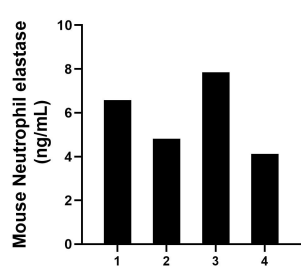
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

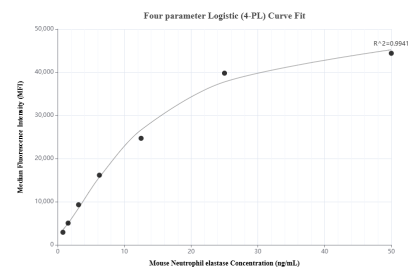
## Selected Validation Data



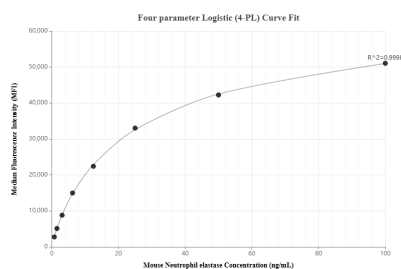
Sandwich ELISA standard curve of MP01355-4, Mouse Neutrophil elastase Recombinant Matched Antibody Pair - PBS only. 84473-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2126. 84473-5-PBS was HRP conjugated as the detection antibody. Range: 39.1-1250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



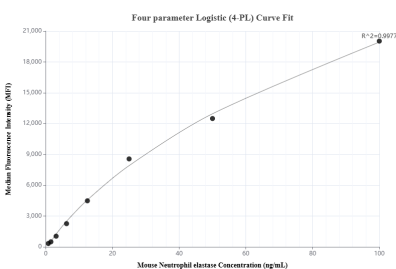
Serum of four mice was measured. The mouse Neutrophil elastase concentration of detected samples was determined to be 5.84 ng/mL with a range of 4.12 - 7.85 ng/mL.



Cytometric bead array standard curve of MP01355-1, MOUSE Neutrophil elastase Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84473-2-PBS. Detection antibody: 84473-4-PBS. Standard: Eg2126. Range: 0.781-50 ng/mL



Cytometric bead array standard curve of MP01355-2, MOUSE Neutrophil elastase Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84473-1-PBS. Detection antibody: 84473-4-PBS. Standard: Eg2126. Range: 0.781-100 ng/mL



Cytometric bead array standard curve of MP01355-3, MOUSE Neutrophil elastase Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84473-4-PBS. Detection antibody: 84473-3-PBS. Standard: Eg2126. Range: 0.781-100 ng/mL