For Research Use Only

Mouse Mmp12 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:88215-2-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
88215-2-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG3172

GenBank Accession Number:
NM_008605.3

GeneID (NCBI):
17381

UNIPROT ID:
P34960

Full Name:
matrix metallopeptidase 12

Calculated MW:
55 kDa

Purification Method:
Protein A purification

CloneNo.:
260147A3

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
mouse

Product Information

88215-2-PBS targets Mmp12 as part of a matched antibody pair:

MP03377-1: 88215-2-PBS capture and 88215-1-PBS detection (validated in Cytometric bead array, 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.

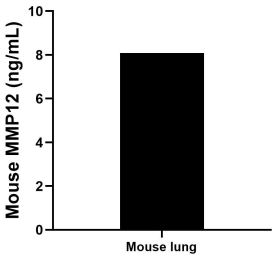
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

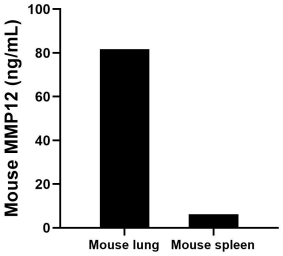
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

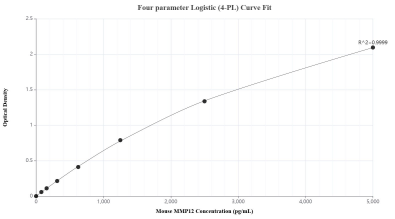
Selected Validation Data



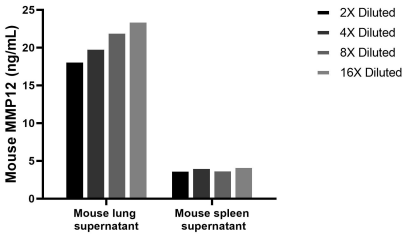
The mean MMP12 concentration was determined to be 8.1 ng/mL in mouse lung tissue extract based on a 5.0 mg/mL extract load.



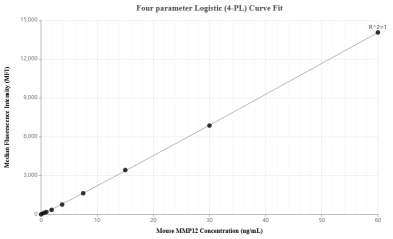
The mean MMP12 concentration was determined to be 81.7 ng/mL in mouse lung supernatant and 6.2 ng/mL in mouse spleen supernatant.



Sandwich ELISA standard curve of MP03377-1, Mouse MMP12 Recombinant Matched Antibody Pair - PBS only. 88215-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3172. 88215-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



The mean MMP12 concentration was determined to be 21.0 ng/mL in mouse lung supernatant and 4.1 ng/mL in mouse spleen supernatant.



Cytometric bead array standard curve of MP03377-1, MOUSE MMP12 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88215-2-PBS. Detection antibody: 88215-1-PBS. Standard: Eg3172. Range: 0.469-60 ng/mL.