For Research Use Only

Mouse Tnfrsf11b Recombinant antibody, PBS Only (Capture/Detector)

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

Catalog Number:83065-1-PBS

Basic Information

Catalog Number:
83065-1-PBS

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

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC049782.1

GeneID (NCBI):
18383

UNIPROT ID:
Q6PI12

Full Name:
tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin)

Calculated MW:
46KD

Purification Method:
Protein A purification

CloneNo.:
230325B4

Applications

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

Species Specificity:
mouse

Product Information

83065-1-PBS targets Tnfrsf11b as part of a matched antibody pair:

MP00123-1: 83065-1-PBS capture and 83065-4-PBS detection (validated in Cytometric bead array)

MP00123-2: 83065-3-PBS capture and 83065-1-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

MP00123-3: 83065-1-PBS capture and 83065-2-PBS detection (validated in Cytometric bead array)

MP00123-4: 83065-1-PBS capture and 83065-3-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.

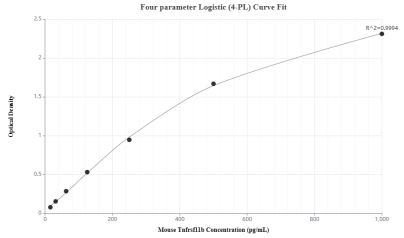
Storage

Storage:
Store at -80°C.
Storage Buffer:
100% PBS pH 7.3

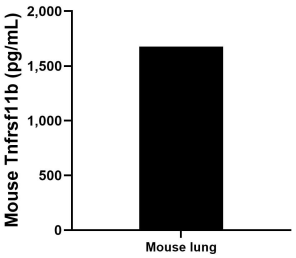
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

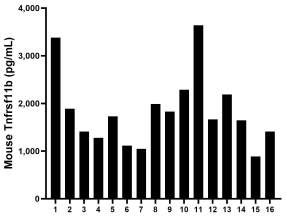
Selected Validation Data



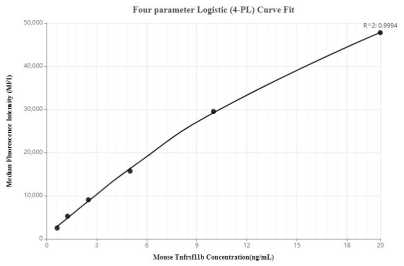
Sandwich ELISA standard curve of MP00123-4, Mouse TNFRSF11B Recombinant Matched Antibody Pair - PBS only. 83065-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0598. 83065-3-PBS was HRP conjugated as the detection antibody. Range:15.6-1000pg/mL.



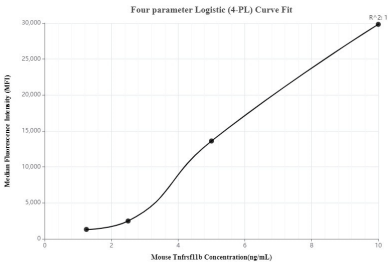
Mouse lung tissue (3 lungs in 1-2 mm pieces in 100 mL of medium) was cultured for 3 days in RPMI supplemented with 10% fetal bovine serum, 50 µM β-mercaptoethanol, 2 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernatant was removed, assayed for mouse Tnfrsf11b , and measured 1,675.9 pg/mL.



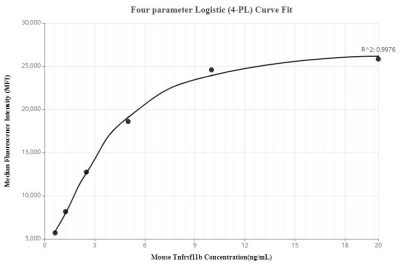
Serum of sixteen mice was measured. The Mouse Tnfrsf11b concentration of detected samples was determined to be 1,836.9 pg/mL with a range of 886.4 - 3,640.5 pg/mL.



Cytometric bead array standard curve ofMP00123-1, Mouse Tnfrsf11b Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83065-1-PBS. Detection antibody: 83065-4-PBS. Standard: Eg0598. Range: 0.625-20 ng/mL.



Cytometric bead array standard curve ofMP00123-2, Mouse Tnfrsf11b Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83065-3-PBS. Detection antibody: 83065-1-PBS. Standard: Eg0598. Range: 1.25-10 ng/mL.



Cytometric bead array standard curve ofMP00123-3, Mouse Tnfrsf11b Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83065-1-PBS. Detection antibody: 83065-2-PBS. Standard: Eg0598. Range: 0.625-20 ng/mL.