For Research Use Only

# Mouse Tnfrsf11b Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:83065-3-PBS

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## Basic Information

Catalog Number:
83065-3-PBS

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG0598

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.:
230325F9

## Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
mouse

## Background Information

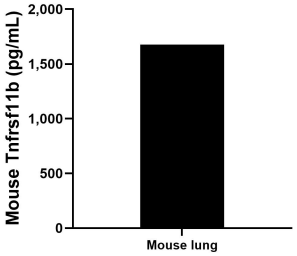
## Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

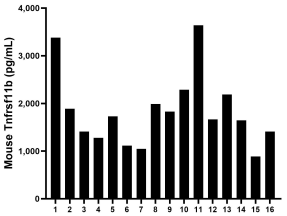
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

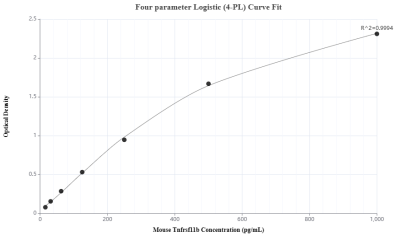
## Selected Validation Data



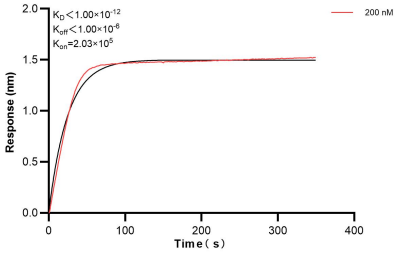

Mouse lung tissue (3 lungs in 1-2 mm pieces in 100 mL of medium) was cultured for 3 days in RPMI supplemented with 10% fetal bovine serum, 50 μM β-mercaptoethanol, 2 mM L-glutamine, 100 U/mL penicillin, and 100 μg/mL streptomycin sulfate. An aliquot of the cell culture supernatant was removed, assayed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




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.




Biolayer interferometry (BLI) kinetic assay of 83065-3-PBS against Mouse Tnfrsf11b was performed. The affinity constant is below 1 pM.