For Research Use Only

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

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Antibodies | ELISA kits | Proteins
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Catalog Number:83065-1-PBS

Basic Information

Catalog Number:
83065-1-PBS

Size:
1mg/ml

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

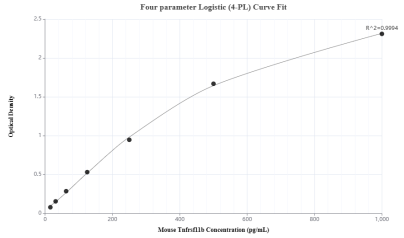
Species Specificity:
mouse

Background Information

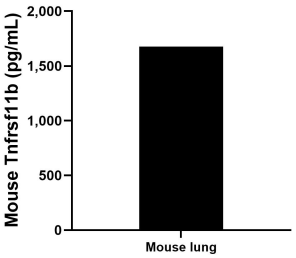
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
100% PBS pH 7.3

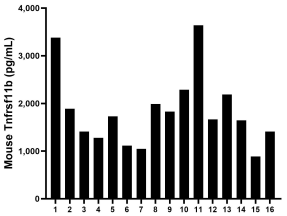
Selected Validation Data



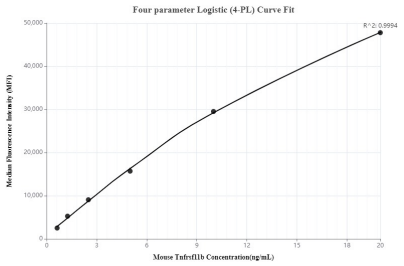
Sandwich ELISA standard curve of MP00123-4, Mouse TNFRSF11B Recombinant Matched Antibody Pair - PBS only. 83065-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0598. 83065-3-PBS was HRP conjugated as the detection antibody. Range:15.6-1000pg/mL.



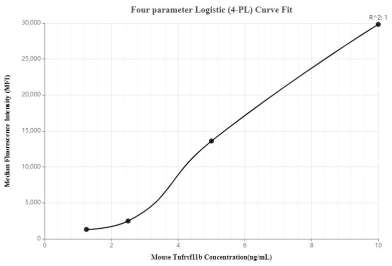
Mouse lung tissue (3 lungs in 1-2 mm pieces in 100 mL of medium) was cultured for 3 days in RPMI supplemented with 10% fetal bovine serum, 50 μM β-mercaptoethanol, 2 mM L-glutamine, 100 U/mL penicillin, and 100 μg/mL streptomycin sulfate. An aliquot of the cell culture supernatant was removed, assayed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



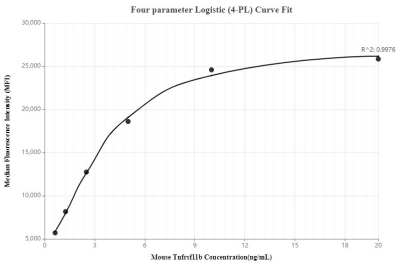
Serum of sixteen mice was measured. The Mouse Tnfrsf11b concentration of detected samples was determined to be 1,836.9 pg/mL with a range of 886.4 - 3,640.5 pg/mL.



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.