

For Research Use Only

# Mouse TNFR2/CD120b Recombinant antibody, PBS Only (Detector)

Catalog Number: 83313-1-PBS



## Basic Information

<b>Catalog Number:</b> 83313-1-PBS	<b>GenBank Accession Number:</b> NM_011610.3	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 21938	<b>CloneNo.:</b> 240200C12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q545P4	
<b>Isotype:</b> IgG	<b>Full Name:</b> tumor necrosis factor receptor superfamily, member 1b	
	<b>Calculated MW:</b> 50KD	

## Applications

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

**Species Specificity:**  
mouse

## Product Information

83313-1-PBS targets TNFR2/CD120b as part of a matched antibody pair:

MP00337-1: 83313-3-PBS capture and 83313-1-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

MP00337-2: 83313-4-PBS capture and 83313-1-PBS detection (validated in Cytometric bead array)

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

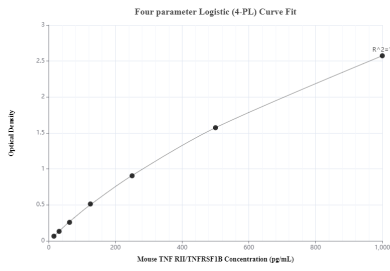
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

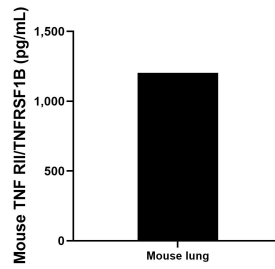
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

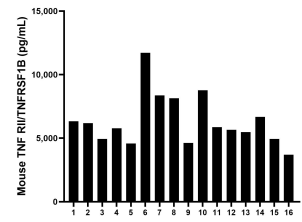
## Selected Validation Data



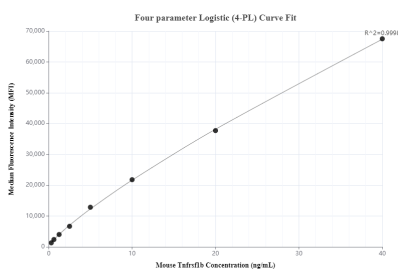
Sandwich ELISA standard curve of MP00337-1, Mouse TNFR2/CD120b Recombinant Matched Antibody Pair - PBS only. 83313-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0683. 83313-1-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



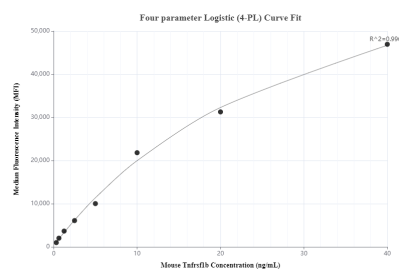
Mouse lung conditioned media cultured in RPMI supplemented with 10% fetal bovine serum was collected after culturing for 5 days. An aliquot of the cell culture supernatant was removed, assayed for mouse TNFR2/CD120b and measured 1,202.7 pg/mL



Serum of sixteen mice was measured. The TNFR2/CD120b concentration of detected samples was determined to be 6361.1 pg/mL with a range of 3,703.9 - 11,725.6 pg/mL



Cytometric bead array standard curve of MP00337-1, TNFR2/CD120b Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83313-3-PBS. Detection antibody: 83313-1-PBS. Standard: Eg0075. Range: 0.313-40 ng/mL



Cytometric bead array standard curve of MP00337-2, MOUSE TNFR2/CD120b Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83313-4-PBS. Detection antibody: 83313-1-PBS. Standard: Eg0683. Range: 0.313-40 ng/mL