

For Research Use Only

# CD268/BAFF-R Recombinant antibody, PBS Only (Detector)

Catalog Number: 84585-3-PBS



## Basic Information

Catalog Number:

84585-3-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC105123

GeneID (NCBI):

115650

UNIPROT ID:

Q96RJ3

Full Name:

tumor necrosis factor receptor  
superfamily, member 13C

Calculated MW:

184 aa, 19 kDa

Purification Method:

Protein A purification

CloneNo.:

242003E2

## Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA,  
Sample test

Species Specificity:

human

## Background Information

B-cell-activating factor receptor (BAFF-R, also known as CD268 and TNFRSF13C) is a member of the tumor necrosis factor receptor (TNFR) superfamily. It is expressed in most malignant B cells, including those in primary central nervous system lymphoma (PCNSL), and is involved in the survival and proliferation of these cells (PMID: 32528875). The interaction of BAFF with BAFF-R promotes NF- $\kappa$ B activation, which plays a crucial role in B-cell maturation, survival, and costimulation of T-cell activation and proliferation (PMID: 30349534). Additionally, BAFF-R is associated with chronic kidney disease (CKD) by activating NF- $\kappa$ B signaling in renal tubular epithelial cells (PMID: 38791453).

## 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

For technical support and original validation data for this product please contact:

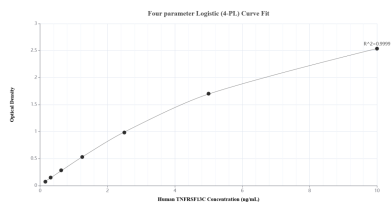
T: 4006900926

E: Proteintech-CN@ptglab.com

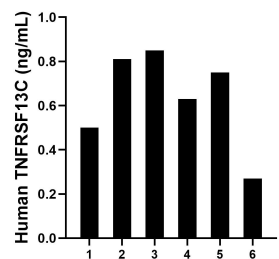
W: ptgcn.com

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

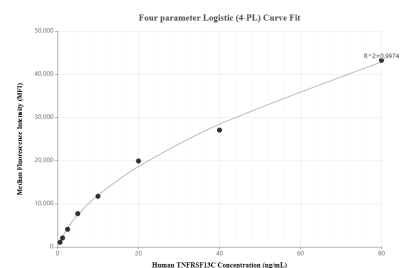
## Selected Validation Data



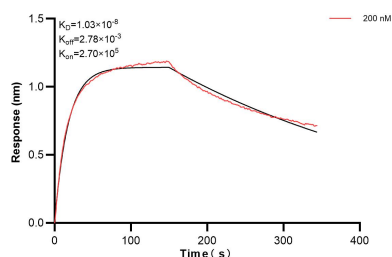
Sandwich ELISA standard curve of MP01419-3, Human TNFRSF13C Recombinant Matched Antibody Pair - PBS only. 84585-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1922. 84585-3-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.



Serum of six individual healthy human donors was measured. The TNFRSF13C concentration of detected samples was determined to be 0.64 ng/mL with a range of 0.27-0.85 ng/mL.



Cytometric bead array standard curve of MP01419-1, TNFRSF13C Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84585-1-PBS. Detection antibody: 84585-3-PBS. Standard: Eg1922. Range: 0.625-80 ng/mL.



Bi-layer interferometry (BLI) kinetic assay of 84585-3-PBS against Human TNFRSF13C was performed. The affinity constant is 10.3 nM.