

For Research Use Only

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

Catalog Number: 84585-4-PBS



Basic Information

Catalog Number:

84585-4-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.:

242003C5

Applications

Tested Applications:

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- κ 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- κ 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:

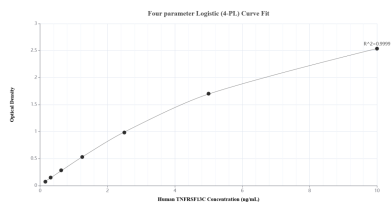
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E: Proteintech-CN@ptglab.com

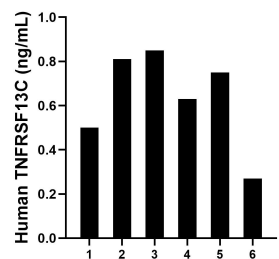
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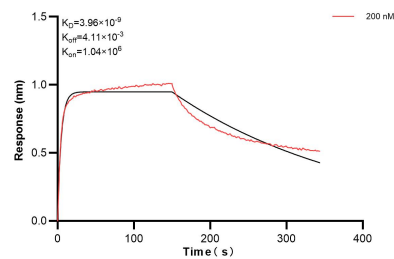
Selected Validation Data



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.



Biolayer interferometry (BLI) kinetic assay of 84585-4-PBS against Human TNFRSF13C was performed. The affinity constant is 3.96 nM.