

For Research Use Only

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

Catalog Number: 84585-2-PBS



Basic Information

Catalog Number: 84585-2-PBS	GenBank Accession Number: BC105123	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 115650	CloneNo.: 242003D9
Source: Rabbit	UNIPROT ID: Q96RJ3	
Isotype: IgG	Full Name: tumor necrosis factor receptor superfamily, member 13C	
	Calculated MW: 184 aa, 19 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

84585-2-PBS targets CD268/BAFF-R as part of a matched antibody pair.

MP01419-2: 84585-1-PBS capture and 84585-2-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.

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

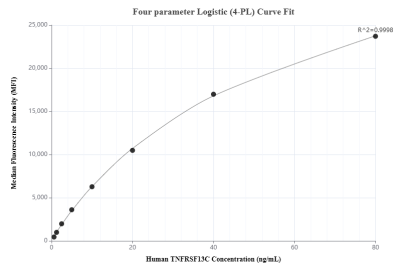
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

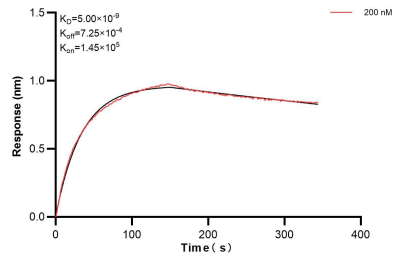
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Cytometric bead array standard curve of MPO1419-2, TNFRSF13C Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84585-1-PBS. Detection antibody: 84585-2-PBS. Standard: Eg1922. Range: 0.625-80 ng/mL.



Bilayer interferometry (BLI) kinetic assay of 84585-2-PBS against Human TNFRSF13C was performed. The affinity constant is 5.00 nM.