

For Research Use Only

Anti-Human TNFRSF13B/CD267 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98100-1-PBS



Basic Information

Catalog Number: 98100-1-PBS	GenBank Accession Number: BC109392	Purification Method: Protein A purification
Size: 1mg, 2mg/ml	GeneID (NCBI): 23495	CloneNo.: 241317D8
Source: Rabbit	UNIPROT ID: O14836	
Isotype: IgG	Full Name: tumor necrosis factor receptor superfamily, member 13B	
	Calculated MW: 293 aa, 32 kDa	

Applications

Tested Applications:
FC, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Background Information

Tumor necrosis factor receptor superfamily member 13B (TNFRSF13B), also known as CD267 or TACI, is a transmembrane protein of the TNF receptor superfamily found predominantly on B cells (PMID: 10920230). TACI is also expressed on activated T cells, myeloma cells, and expressed by monocytes intracellularly at a low level (PMID: 11429548; 16825497). TNFRSF13B is a receptor for TNFSF13/APRIL/CD256 and TNFSF13B/BAFF/CD257 and mediates calcineurin-dependent activation of NF-AT, as well as activation of NF- κ B and AP-1 (PMID: 10956646; 10973284; 9311921). It is involved in the stimulation of B- and T-cell function and the regulation of humoral immunity.

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:

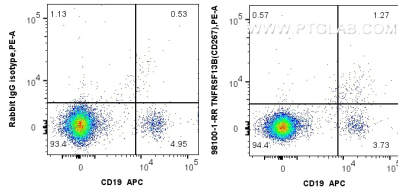
T: 4006900926

E: Proteintech-CN@ptglab.com

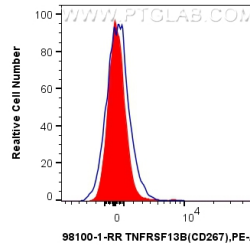
W: ptgcn.com

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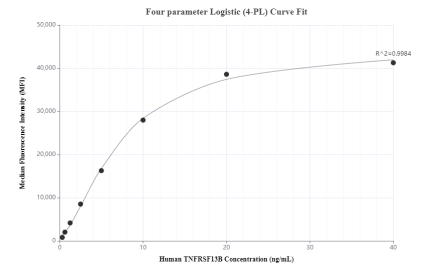
Selected Validation Data



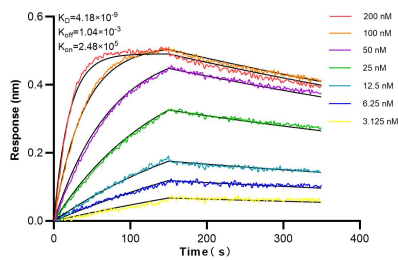
1x10⁶ human PBMCs were stained with CoraLite® Plus 647 Anti-Human CD19 (4G7) Mouse IgG2a Recombinant Antibody (CL647-65562, Clone: 4G7) and 0.25 ug Anti-Human TNFRSF13B/CD267 Rabbit Recombinant Antibody (98100-1-RR, Clone:241317D8) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), or Isotype Control. Cells were not fixed. This data was developed using the same antibody clone with 98100-1-PBS in a different storage buffer formulation.



1x10⁶ human PBMCs were stained with 0.25 ug Anti-Human TNFRSF13B/CD267 Rabbit Recombinant Antibody (98100-1-RR, Clone:241317D8)(red)and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), or Isotype Control(blue). Cells were not fixed. This data was developed using the same antibody clone with 98100-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01167-1, TNFRSF13B/CD267 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84266-1-PBS. Detection antibody: 98100-1-PBS. Standard: RP02325. Range: 0.313-40 ng/mL



Biolayer interferometry (BLI) kinetic assays of 98100-1-RR against Human TNFRSF13B/CD267 were performed. The affinity constant is 4.18 nM.