

For Research Use Only

Anti-Human LTBR Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98626-2-PBS



Basic Information

Catalog Number:

98626-2-PBS

Size:

1mg, 3 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG5126

GenBank Accession Number:

BC026262

GeneID (NCBI):

4055

UNIPROT ID:

P36941

Full Name:

lymphotoxin beta receptor (TNFR superfamily, member 3)

Calculated MW:

435 aa, 47 kDa

Purification Method:

Protein A purification

CloneNo.:

251739F2

Applications

Tested Applications:

FC

Species Specificity:

human

Background Information

Lymphotoxin-beta receptor (LTBR) is a receptor for the heterotrimeric lymphotoxin containing LTA and LTB, and for TNFS14/LIGHT. It can activate the NF-kappa-B signaling pathway upon stimulation with lymphotoxin (LTA1-LTB2) (PMID: 24248355). LTBR is constitutively expressed on stromal cells and myeloid lineage cells but not on T or B lymphocytes, which may be a novel immune checkpoint of tumor-associated macrophages (PMID: 20603617; 39429877).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

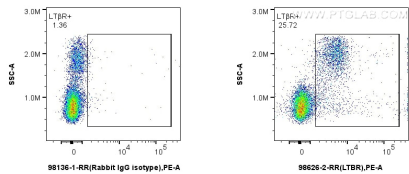
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

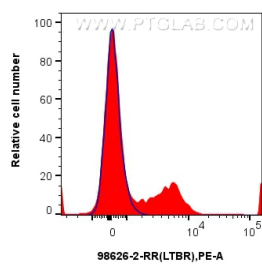
E: proteintech@ptglab.com
W: ptglab.com

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

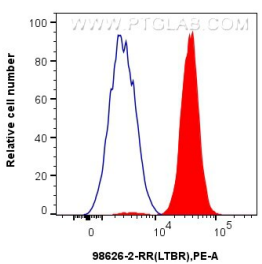
Selected Validation Data



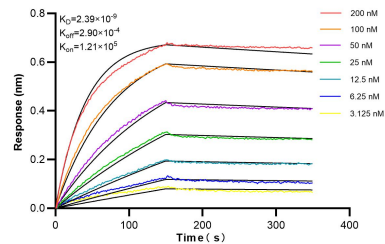
1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human LTBR Rabbit RecAb (98626-2-RR, Clone:251739F2), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. Cells were incubated with FC Receptor Block prior to staining. This data was developed using the same antibody clone with 98626-2-PBS in a different storage buffer formulation.



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human LTBR Rabbit RecAb (98626-2-RR, Clone:251739F2) (red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue),and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.Cells were incubated with FC Receptor Block prior to staining. This data was developed using the same antibody clone with 98626-2-PBS in a different storage buffer formulation.



1x10⁶ HeLa cells were surface stained with 0.25 ug Anti-Human LTBR Rabbit RecAb (98626-2-RR, Clone:251739F2) and PE-Conjugated Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were not fixed. This data was developed using the same antibody clone with 98626-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 98626-2-RR against Human LTBR were performed. The affinity constant is 2.39 nM.