

For Research Use Only

Anti-Human TNF beta Rabbit Recombinant Antibody

Catalog Number: 98056-1-RR



Basic Information

Catalog Number: 98056-1-RR	GenBank Accession Number: BC034729	Purification Method: Protein A purification
Size: 100ug , 1000 µg/ml	GeneID (NCBI): 4049	CloneNo.: 240393C3
Source: Rabbit	UNIPROT ID: P01374	
Isotype: IgG	Full Name: Lymphotoxin alpha (TNF superfamily, member 1)	
	Calculated MW: 205 aa, 22 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human

Background Information

TNF beta also known as Lymphotoxin alpha (LTA), is a member of the tumor necrosis factor family, and is a cytokine produced by lymphocytes. TNF Beta is highly inducible, secreted, and forms heterotrimeric complexes with lymphotoxin-beta which anchor lymphotoxin-alpha to the cell surface. TNF Beta also mediates a large variety of inflammatory, immunostimulatory, and antiviral responses, is involved in the formation of secondary lymphoid organs during development and plays a role in apoptosis.

Storage

Storage:
Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide, pH 7.3.

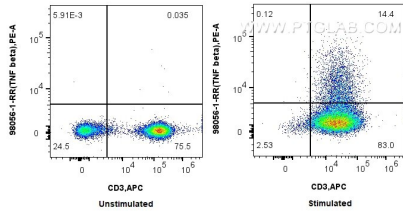
For technical support and original validation data for this product please contact:

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

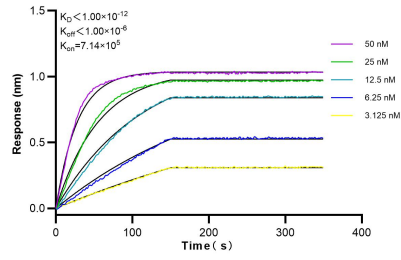
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1×10^6 untreated or anti-CD3/CD28 treated human PBMCs were intracellularly stained with 0.25 μg Anti-Human TNF beta Rabbit Recombinant Antibody (98056-1-RR, Clone: 240393C3) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG. Cells were then stained with APC Anti-Human CD3. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 98056-1-RR against Human TNF Beta were performed. The affinity constant is below 1 pM.