

For Research Use Only

# Anti-Human TNF beta Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98056-1-PBS



## Basic Information

<b>Catalog Number:</b> 98056-1-PBS	<b>GenBank Accession Number:</b> BC034729	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1mg, 2 mg/ml	<b>GeneID (NCBI):</b> 4049	<b>CloneNo.:</b> 240393C3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P01374	
<b>Isotype:</b> IgG	<b>Full Name:</b> Lymphotoxin alpha (TNF superfamily, member 1)	
	<b>Calculated MW:</b> 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 heterotrimers 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 -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:

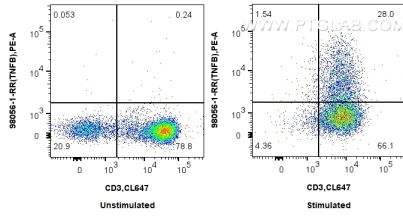
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

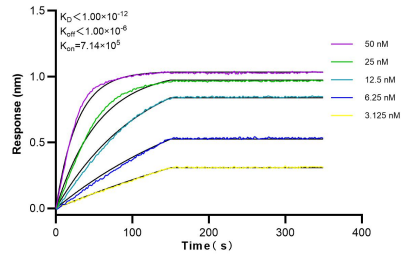
W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



1x10<sup>6</sup> untreated or anti-CD3/CD28 treated human PBMCs were intracellularly stained with 0.25 ug Anti-Human TNFβ Rabbit Recombinant Antibody (98056-1-RR, Clone: 240393C3) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were then stained with CoraLite® Plus 647 Anti-Human CD3. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 98056-1-



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