

For Research Use Only

# FcZero-rAb™ APC-Cyanine7 Anti-Human TNF beta Rabbit Recombinant Antibody

Catalog Number: AY7-FcA98056



## Basic Information

<b>Catalog Number:</b> AY7-FcA98056	<b>GenBank Accession Number:</b> BC034729	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 100tests, 5 ul/test	<b>GeneID (NCBI):</b> 4049	<b>CloneNo.:</b> 240393C3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P01374	<b>Recommended Dilutions:</b> FC (Intra): 5 ul per 10 <sup>6</sup> cells in a 100 µl suspension
<b>Isotype:</b> IgG	<b>Full Name:</b> Lymphotoxin alpha (TNF superfamily member 1)	<b>Excitation/Emission maximum wavelengths:</b> 650 nm / 778 nm
<b>Immunogen Catalog Number:</b> EG0836	<b>Calculated MW:</b> 205 aa, 22 kDa	

## Applications

<b>Tested Applications:</b> FC (Intra)	<b>Positive Controls:</b> FC (Intra) : anti-CD3/CD28 treated human PBMCs,
<b>Species Specificity:</b> 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 2-8°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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

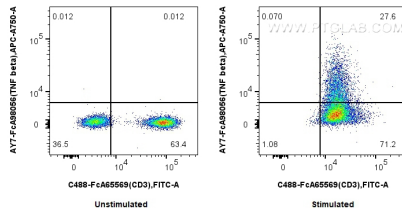
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## Selected Validation Data



1x10<sup>6</sup> untreated (left) or anti-CD3/CD28 treated (right) human PBMCs were intracellularly stained with 5 ul APC-Cyanine7 Anti-Human TNF beta Rabbit RecAb (AY7-FcA98056, Clone: 240393C3). Cells were co-stained with FcZero-rAb™ CoraLite® Plus 488 Anti-Human CD3 (OKT3). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).