

For Research Use Only

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

Catalog Number:AY7-FcA98056



## Basic Information

**Catalog Number:**

AY7-FcA98056

**Size:**

100tests , 5 ul/test

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

EG0836

**GenBank Accession Number:**

BC034729

**GeneID (NCBI):**

4049

**UNIPROT ID:**

P01374

**Full Name:**

Lymphotoxin alpha (TNF superfamily, member 1)

**Calculated MW:**

205 aa, 22 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

240393C3

**Recommended Dilutions:**

FC (Intra): 5 ul per 10<sup>6</sup> cells in a 100 μl suspension

**Excitation/Emission maxima wavelengths:**

650 nm / 778 nm

## Applications

**Tested Applications:**

FC (Intra)

**Species Specificity:**

human

**Positive Controls:**

FC (Intra) : anti-CD3/CD28 treated human PBMCs,

## 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

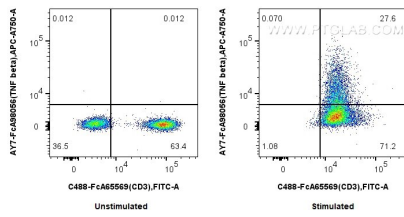
For technical support and original validation data for this product please contact:

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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).