

For Research Use Only

# FcZero-rAb® CoraLite® Plus 488 Anti-Human TNF beta Rabbit Recombinant Antibody

Catalog Number: CL488-FcA98056



## Basic Information

Catalog Number:

CL488-FcA98056

Concentration:

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  $10^6$  cells in a 100  $\mu$ l suspension

Excitation/Emission maxima wavelengths:

493 nm / 522 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:

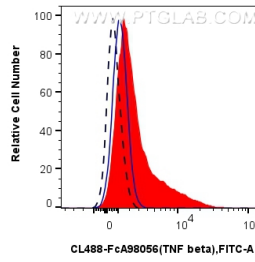
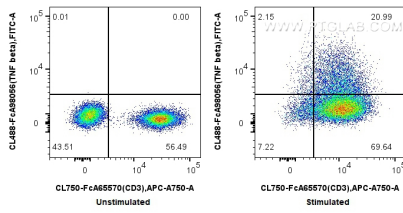
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## Selected Validation Data



$1 \times 10^6$  untreated (left) or anti-CD3/CD28 treated (right) human PBMCs were intracellularly stained with 5  $\mu$ l CoraLite® Plus 488 Anti-Human TNF beta Rabbit RecAb (CL488-FcA98056, Clone: 240393C3) and FcZero-rAb® CoraLite® Plus 750 Anti-Human CD3 (UCHT1). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).

$1 \times 10^6$  anti-CD3/CD28 treated human PBMCs were intracellularly stained with 5  $\mu$ l CoraLite® Plus 488 Anti-Human TNF beta Rabbit RecAb (CL488-FcA98056, Clone: 240393C3) (red) or FcZero-rAb® CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-FcA98136, Clone: 240953C9) (blue).  $1 \times 10^6$  untreated human PBMCs were intracellularly stained with 5  $\mu$ l CoraLite® Plus 488 Anti-Human TNF beta Rabbit RecAb (CL488-FcA98056,

