

For Research Use Only

# CoraLite®594 Anti-Human TNF beta Rabbit Recombinant Antibody

Catalog Number:CL594-98056



## Basic Information

Catalog Number:

CL594-98056

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

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

## 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 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

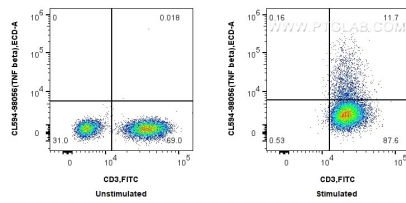
For technical support and original validation data for this product please contact:

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

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



1x10<sup>6</sup> untreated or anti-CD3 and CD28 treated human PBMCs were intracellularly stained with 0.25 ug CoraLite®594 Anti-Human TNF beta Rabbit RecAb (CL594-98056, Clone: 240393C3). Cells were co-stained with FITC Plus Anti-Human CD3 (OKT3) (FITC-65133, Clone: OKT3). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).