

## Product datasheet

# Anti-TNF beta antibody [359-81-11] (Phycoerythrin) ab93517

1 Image

### Overview

<b>Product name</b>	Anti-TNF beta antibody [359-81-11] (Phycoerythrin)
<b>Description</b>	Mouse monoclonal [359-81-11] to TNF beta (Phycoerythrin)
<b>Conjugation</b>	Phycoerythrin. Ex: 488nm, Em: 575nm
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant Human TNF beta protein expressed in E.coli.
<b>Positive control</b>	Th1 polarized Human peripheral blood cells

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	Preservative: 0.09% Sodium Azide Constituents: PBS, 150mM Sodium chloride, pH 7.2
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	359-81-11
<b>Isotype</b>	IgG1

### Applications

Our [Abpromise guarantee](#) covers the use of **ab93517** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 0.125µg for 10 <sup>5-8</sup> cells. Use 0.125µg for 10 <sup>5-8</sup> cells in a final volume of 100 µl.

## Target

### Function

Cytokine that in its homotrimeric form binds to TNFRSF1A/TNFR1, TNFRSF1B/TNFR and TNFRSF14/HVEM. In its heterotrimeric form with LTB binds to TNFRSF3/LTBR. Lymphotoxin is produced by lymphocytes and cytotoxic for a wide range of tumor cells in vitro and in vivo.

### Involvement in disease

Genetic variations in LTA are a cause of susceptibility psoriatic arthritis (PSORAS) [MIM:607507]. PSORAS is an inflammatory, seronegative arthritis associated with psoriasis. It is a heterogeneous disorder ranging from a mild, non-destructive disease to a severe, progressive, erosive arthropathy. Five types of psoriatic arthritis have been defined: asymmetrical oligoarthritis characterized by primary involvement of the small joints of the fingers or toes; asymmetrical arthritis which involves the joints of the extremities; symmetrical polyarthritis characterized by a rheumatoidlike pattern that can involve hands, wrists, ankles, and feet; arthritis mutilans, which is a rare but deforming and destructive condition; arthritis of the sacroiliac joints and spine (psoriatic spondylitis).

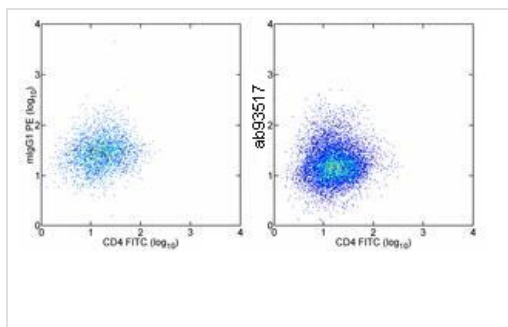
### Sequence similarities

Belongs to the tumor necrosis factor family.

### Cellular localization

Secreted. Membrane. The homotrimer is secreted. The heterotrimer is membrane-associated.

## Images



Flow Cytometry - Anti-TNF beta antibody [359-81-11] (Phycoerythrin) (ab93517)

Staining of Th1 polarized human peripheral blood cells with FITC anti-human CD4, followed by fixation, permeabilization and intracellular staining with 0.125 µg of ab93517 (right) or Phycoerythrin Mouse IgG1, K Iso Control (left). Total viable cells were used for analysis.

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