

Product datasheet

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

1 Image

Overview

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: PBS, 150mM Sodium chloride, pH 7.2
Purity	Protein G purified
Clonality	Monoclonal
Clone number	359-81-11
Isotype	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 ⁵⁻⁸ cells. Use 0.125µg for 10 ⁵⁻⁸ cells in a final volume of 100 µl.

Target

Function

Cytokine that in its homotrimeric form binds to TNFRSF1A/TNFR1, TNFRSF1B/TNFR1 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).

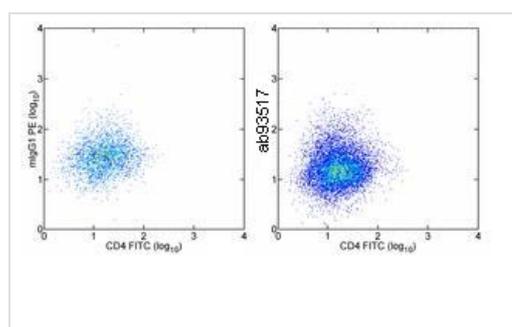
Sequence similarities

Belongs to the tumor necrosis factor family.

Cellular localization

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

Images



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.

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

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