

PE Rabbit anti-Mouse TNF- α mAb

Catalog No.: A27472

Basic Information

Observed MW**Calculated MW**

26kDa

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Mouse

CloneNo number

ARC54412

Conjugate

PE. Ex:565nm. Em:574nm.

Background

This gene encodes a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. Members of this family are classified based on primary sequence, function, and structure. This protein is synthesized as a type-II transmembrane protein and is reported to be cleaved into products that exert distinct biological functions. It plays an important role in the innate immune response as well as regulating homeostasis but is also implicated in diseases of chronic inflammation. In mouse deficiency of this gene is associated with defects in response to bacterial infection, with defects in forming organized follicular dendritic cell networks and germinal centers, and with a lack of primary B cell follicles. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

FC (intra) 5 μ l per 10^6 cells in 100 μ l volume

Immunogen Information

Gene ID

21926

Swiss Prot

P06804

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

DIF; Tnfa; TNF-a; TNFSF2; Tnlg1f; Tnfsf1a; TNFalpha; TNF-alpha

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

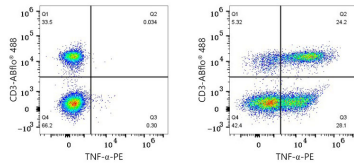
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1×10^6 C57BL/6 mouse splenocytes (untreated, left) and C57BL/6 mouse splenocytes (treated with PMA 50ng/ml, Ionomycin 1ug/ml, Brefeldin A 5ug/ml for 6 h, right) were surface-stained with ABflo® 488 Rat anti-Mouse CD3 mAb (A27161, 5 μ l/Test), and then intracellularly-stained with PE Rabbit anti-Mouse TNF- α mAb (A27472, 5 μ l/Test).