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PE Rabbit anti-Mouse TNF-α mAb

Catalog No.: A29052

Basic Information

Observed MW

Calculated MW

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)	≤0.5 μg per million cells in 100 μl 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

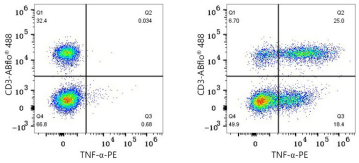
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8℃

Validation Data



Flow cytometry: 1X10^6 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 µl/Test), and then intracellularly-stained with PE Rabbit anti-Mouse TNF-α mAb (A29052,0.5 µg).

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.