

PE Rat anti-Mouse TNF- α mAb

Catalog No.: A25667

Basic Information

Observed MW

Refer to figures

Calculated MW

26kDa

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Mouse

CloneNo number

ATC0019

Conjugate

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

Recommended Dilutions

FC (intra) The suggested use of this reagent is $\leq 0.25 \mu\text{g}$ per 10^6 cells in 100 μl volume.

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.

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

Rat

Isotype

Rat / IgG1, kappa

Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide