

# PE anti-Mouse TNF- $\alpha$ 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  $\mu\text{l}$  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 of mouse TNF- $\alpha$

### 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

## Validation Data

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