Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Mouse TNF-α mAb(CAP)

Catalog No.: RM17969

Basic Information

Catalog No.
RM17969

Catagory
Elisa Antibody Kit

Application
Multiplex

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level
/

Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2 μm filtered solution in PBS with 0.05% Proclin 300, pH 7.3.

Contact

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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

Immunogen
Recombinant Mouse TNF-α Protein

Cross-Reactivity

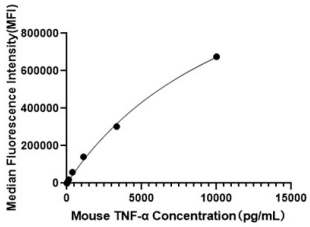
Mouse

Assay Applications

Mouse TNF-α Sandwich Immunoassay

		Recommended Concentration	Sample
Multiplex	Capture	3-20 μg/ml	Rabbit anti-Mouse TNF-α mAb (Cat. No. RM17969)
	Detection	0.017-2 μg/ml	Rabbit anti-Mouse TNF-α mAb (Cat. No. RM17970)
	Standard	13.7-10000 pg/mL	Recombinant Mouse TNF-alpha Protein (Cat. No. RP01071)

Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.