Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Mouse TNF-α mAb (CAP)

Catalog No.: RM17776

Basic Information

Catalog No.
RM17776

Catagory
Elisa Antibody Kit

Application
ELISA

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 7.4.

Contact

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www.abclonal.com

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

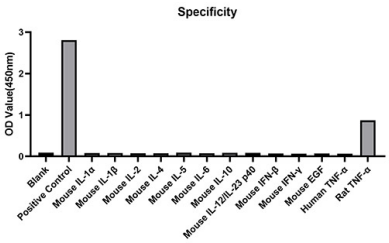
No cross-reactivity in immunoassay with recombinant Protein
Mouse IL-1 alpha, Mouse IL-1 beta, Mouse IL-2, Mouse IL-4, Mouse IL-5, Mouse IL-6, Mouse IL-10, Mouse IL-12/IL-23 p40, Mouse IFN-beta, Mouse IFN-gamma, Mouse EGF, Human TNF-alpha, Rat TNF-alpha

Assay Applications

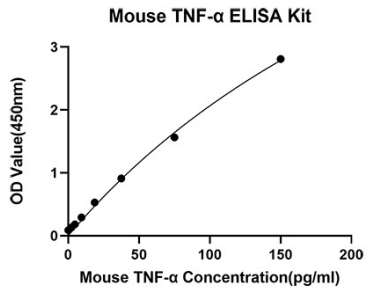
Mouse TNF-α Sandwich Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4 μg/mL	Rabbit anti-Mouse TNF-α mAb (Cat. No. RM17776)
ELISA Detection	0.04-0.16 μg/mL	Rabbit anti-Mouse TNF-α mAb (Cat. No. RM17777)
Standard	2.3-150 pg/mL	Recombinant Mouse TNF-α Protein (Cat. No. RP01071)

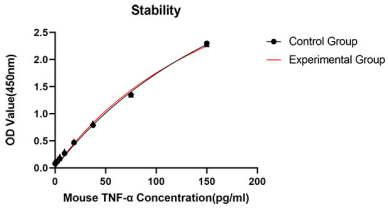
Validation Data



Fromthe comparison of the standard curve, it is found that ABclonal has highsensitivity.



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



Placed at 37°C for 3 days, the stability of the standard curve all conformto CV <10%.