

Rabbit anti-Mouse TNF- α mAb (CAP)

Catalog No.: RM17776

Basic Information

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RM17776

Category
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
Store at -20°C. Avoid freeze / thaw cycles. Preservative 0.05%ProClin 300.
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2umfiltered solution in PBS with 0.05%ProClin 300, Ph7.4 containing Mouse TNF- α Antibody.

Contact

 | order@abclonal.com

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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

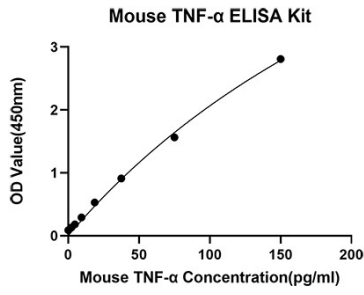
Has cross-reactivity in ELISA with Rat TNF- α
No cross-reactivity in ELISA assay with recombinant Mouse IL-1 α Mouse IL-1 β Mouse IL-2 Mouse IL-4 Mouse IL-5 Mouse IL-6 Mouse IL-10 Mouse IL-12/IL-23 p40 Mouse IFN- β Mouse IFN- γ Mouse EGF Human TNF- α

Assay Applications

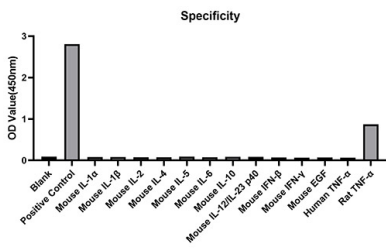
Mouse TNF- α Sandwich ELISA Immunoassay

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

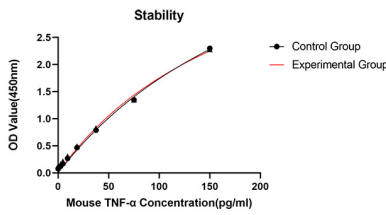
Validation Data



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



From the comparison of the standard curve, it is found that ABclonal has high sensitivity.



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