Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human TNFR1 mAb

Catalog No.: RM17949

Basic Information

Catalog No.
RM17949

Catagory
Elisa Antibody Kit

Application
ELISA,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 0.2um filtered solution in PBS with 0.05%ProClin 300,PH 7.4.

Contact

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Background

This gene encodes a member of the TNF receptor superfamily of proteins. The encoded receptor is found in membrane-bound and soluble forms that interact with membrane-bound and soluble forms, respectively, of its ligand, tumor necrosis factor alpha. Binding of membrane-bound tumor necrosis factor alpha to the membrane-bound receptor induces receptor trimerization and activation, which plays a role in cell survival, apoptosis, and inflammation. Proteolytic processing of the encoded receptor results in release of the soluble form of the receptor, which can interact with free tumor necrosis factor alpha to inhibit inflammation. Mutations in this gene underlie tumor necrosis factor receptor-associated periodic syndrome (TRAPS), characterized by fever, abdominal pain and other features. Mutations in this gene may also be associated with multiple sclerosis in human patients.

Immunogen Information

Immunogen
Recombinant Human TNFR1 Protein

Cross-Reactivity

No cross-reactivity in ELISA assay withrecombinant Human.EGF□Human.IL-1β□Human.IL-2□Human.IL-4□Human.IL-6□Human.IL-8□Human.IL-10□Mouse.EGF□Mou'se.IL-1β

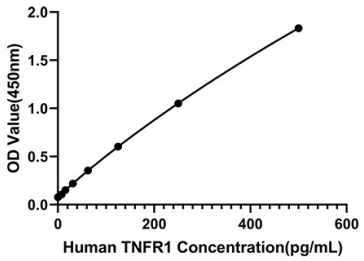
Assay Applications

Human TNFR1 Sandwich ELISA/Multiplex

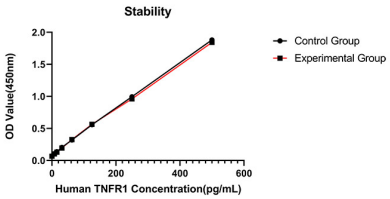
		Recommended Concentration	Sample
ELISA	Capture	1-4ug/mL	Rabbit anti-Human TNFR1 mAb(Cat. No.RM17949)
	Detection	0.25-0.0625ug/mL	Rabbit anti-Human TNFR1 mAb(Cat. No.RM17950)
	Standard	7.81-500pg/mL	Recombinant Human TNFR1 Protein

Multiplex	Capture	3-20ug/mL	Rabbit anti-Human TNFR1 mAb(Cat. No.RMK0237)
	Detection	0.017-2ug/mL	Rabbit anti-Human TNFR1 mAb(Cat. No.RM17949)
	Standard	6.86-5000pg/mL	Recombinant Human TNFR1 Protein

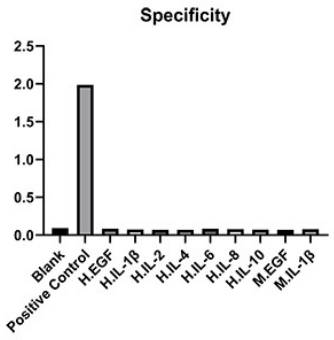
Validation Data



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%.



No significant cross-reactivity or interference was observed.