

# Rabbit anti-Human TNF-alpha mAb

Catalog No.: RM17748 **2 Publications**

## Basic Information

**Catalog No.**  
RM17748

**Catagory**  
Elisa Antibody Kit

**Application**  
CLIA

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**

**Storage**  
Store at -20°C.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2µm filtered solution in PBS with 0.05% Proclin300, PH 7.4.

## Contact

 | order@abclonal.com

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## Background

This gene encodes a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. This cytokine is mainly secreted by macrophages. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. This cytokine is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. This cytokine has been implicated in a variety of diseases, including autoimmune diseases, insulin resistance, psoriasis, rheumatoid arthritis ankylosing spondylitis, tuberculosis, autosomal dominant polycystic kidney disease, and cancer. Mutations in this gene affect susceptibility to cerebral malaria, septic shock, and Alzheimer disease. Knockout studies in mice also suggested the neuroprotective function of this cytokine.

## Immunogen Information

**Immunogen**  
Recombinant Human TNF-alpha Protein

## Cross-Reactivity

No cross-reactivity in ELISA with recombinant hNFKB1 □mTNFA□rTNFA

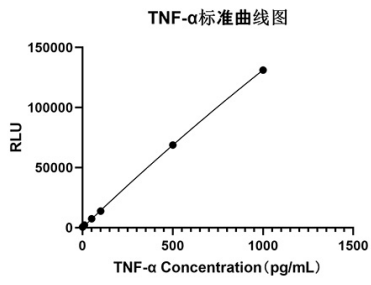
## Assay Applications

Human TNF-alpha Sandwich Immunoassay

		Recommended Concentration	Sample
CLIA	Capture	1-4ug/mL	Rabbit anti-Human TNF-alpha mAb(Cat. No.RM17748)
	Detection	0.5-2ug/mL	Rabbit anti-Human TNF-alpha mAb(Cat. No.RM17658)
	Standard	10-1000pg/mL	Recombinant Human TNF-alpha Protein

## Validation Data

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