Leader in Biomolecular Solutions for Life Science

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# Rabbit anti-Human TNF-alpha(DET)

**Catalog No.: RM17699**

## Basic Information

**Catalog No.**
RM17699

**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 7.4.

## Contact


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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/TNFBR. 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

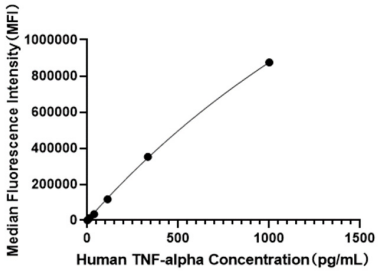
**Immunogen**
E. coli-derived human TNF-alpha protein
Val77-Leu233
Accession #P01375

## Cross-Reactivity

No cross-reactivity in immunoassay assay with recombinant hCD40 Ligand, TNF-β, rTNF-α, mTNF-α

## Assay Applications

## Validation Data




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