Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human TNF-alpha(CAP)

Catalog No.: RM17698

Basic Information

Catalog No.
RM17698

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

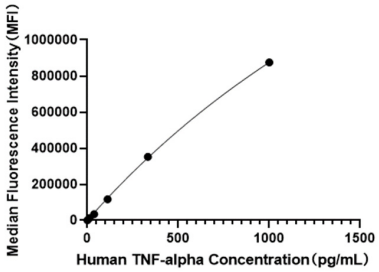
Immunogen
E. coli-derived human TNF-alpha protein
Val77-Leu233
Accession #P01375

Cross-Reactivity

No cross-reactivity in multiplex 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.