

Purified Anti-Human TNF-α Antibody[Adalimumab297.rMAb]

catalog number: AN007900P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

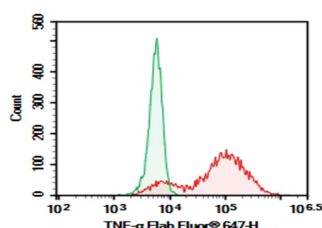
Reactivity	Human
Immunogen	Recombinant Human TNF-alpha protein
Host	Human
Isotype	Human IgG1,κ
Clone	Adalimumab297.rMAb
Purification	>98%, Protein A/G purified
Conjugation	Unconjugated
Buffer	PBS, pH 7.2. Contains 0.05% proclin 300.

Applications

Recommended Dilution

FCM	2 µg/mL(0.5×10 ⁶ -1×10 ⁶ cells)
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Data



HEK293T cells transfected with pcDNA3.1 plasmid encoding Human TNF-α gene were stained with 0.2 µg Purified Anti-Human TNF-α Antibody[Adalimumab297.rMAb] (Right) and 0.2 µg Human IgG1, κ Isotype Control (Left), followed by Elab Fluor® 647-conjugated Goat Anti-Human IgG Secondary Antibody.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	Ice bag

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, and cancer. Knockout studies in mice also suggested the neuroprotective function of this cytokine.