

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

**catalog number: AN007900P**

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

### Description

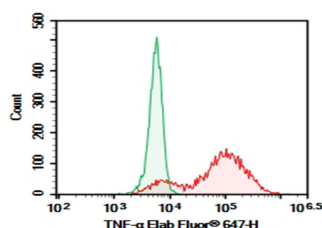
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human TNF-alpha protein
<b>Host</b>	Human
<b>Isotype</b>	Human IgG1,κ
<b>Clone</b>	Adalimumab297.rMAb
<b>Purification</b>	>98%, Protein A/G purified
<b>Buffer</b>	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

### Applications

### Recommended Dilution

<b>FCM</b>	2 µg/mL( $0.5 \times 10^6$ - $1 \times 10^6$ 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

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

### For Research Use Only