

## Purified Anti-Mouse TNF-α Antibody[MP6-XT22]

catalog number: AN009440P

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

### Description

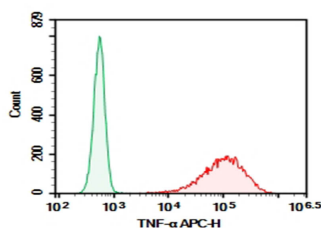
<b>Reactivity</b>	Mouse
<b>Immunogen</b>	Recombinant Mouse TNF-α protein
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG1, κ
<b>Clone</b>	MP6-XT22
<b>Purification</b>	>98%, Protein A/G purified
<b>Buffer</b>	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

### Applications

### Recommended Dilution

<b>FCM</b>	2 μg/mL(0.5×10 <sup>6</sup> -1×10 <sup>6</sup> cells)
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### Data



HEK293T cells transfected with pcDNA3.1 plasmid encoding Mouse TNF-α gene were stained with 0.2 μg Purified Anti-Mouse TNF-α Antibody[MP6-XT22] (Right) and 0.2 μg Rat IgG1, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Rat 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

Tumor necrosis factor alpha (TNF-alpha, TNF- alpha, TNFA ), also known as Cachectin and TNFSF2, is the prototypic ligand of the TNF superfamily. It is a pleiotropic molecule that plays a central role in inflammation, immune system development, apoptosis, and lipid metabolism. TNF-alpha is produced by several lymphoid cells as well as by astrocytes, endothelial cells, and smooth muscle cells. Mouse TNF-alpha consists of a 35 amino acid (aa) cytoplasmic domain, a 21 aa transmembrane segment, and a 179 aa extracellular domain (ECD).

### For Research Use Only