

## Purified Anti-Mouse TNF- $\alpha$ Antibody[MP6-XT22]

catalog number: AN009440P

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

### Description

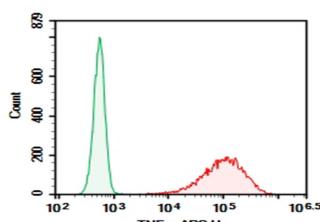
Reactivity	Mouse
Immunogen	Recombinant Mouse TNF- $\alpha$ protein
Host	Rat
Isotype	Rat IgG1, $\kappa$
Clone	MP6-XT22
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

### Applications

### Recommended Dilution

FCM	2 $\mu$ g/mL(0.5 $\times$ 10 $^6$ -1 $\times$ 10 $^6$ cells)
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### Data



Verified Samples in FCM: HEK293T cells transfected with  
pcDNA3.1 plasmid encoding Mouse TNF- $\alpha$  gene

### 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

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

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