

AF/LE Purified Anti-Mouse TNF- α Antibody[MP6-XT22]

catalog number: AN009440

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

Description

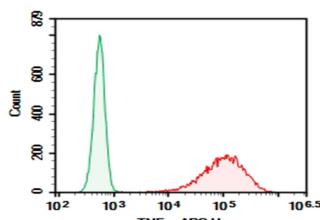
Reactivity	Mouse
Immunogen	Recombinant Mouse TNF- α protein
Host	Rat
Isotype	Rat IgG1, κ
Clone	MP6-XT22
Purification	>98%, Protein A/G purified
Buffer	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

Applications

Recommended Dilution

FCM	2 μ 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- α gene

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
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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