

Purified Anti-Mouse TNF- α Antibody[TN3-19.12]

catalog number: AN008310P

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

Description

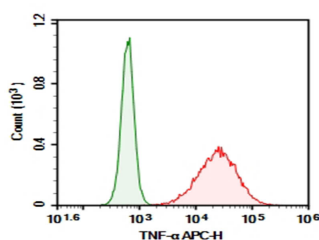
Reactivity	Mouse
Immunogen	Recombinant Mouse TNF- α protein
Host	Armenian Hamster
Isotype	Armenian Hamster IgG2, κ
Clone	TN3-19.12
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications

Recommended Dilution

FCM ≤ 0.2 μ g per million cells in 100 μ L volume

Data



HEK293T cells transfected with pcDNA3.1 plasmid encoding Mouse TNF- α gene were stained with 0.2 μ g Purified Anti-Mouse TNF- α Antibody[TN3-19.12] (Right) and 0.2 μ g Armenian Hamster IgG2, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Armenian Hamster 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

Tumor necrosis factor alpha (TNF- α , TNF- α , 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- α is produced by several lymphoid cells as well as by astrocytes, endothelial cells, and smooth muscle cells. Mouse TNF- α consists of a 35 amino acid (aa) cytoplasmic domain, a 21 aa transmembrane segment, and a 179 aa extracellular domain (ECD).

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