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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

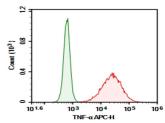
Buffer Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer.

Dialyze to completely remove the stabilizer prior to labeling.

Applications Recommended Dilution

FCM 2 μ g/mL(0.5×10⁶-1×10⁶ cells)

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[TN3-19.12] (Right) and 0.2 μg Armenian Hamster IgG2, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Armenian Hamster IgG Secondary Antibody.

Preparation & Storage

Storage 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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 Rev. V1.0