

A Reliable Research Partner in Life Science and Medicine

AF/LE Purified Anti-Mouse TNF-α Antibody[TN3-19.12]

catalog number: AN008310

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

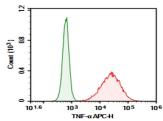
Buffer Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL

method.

Applications	Recommended Dilution

FCM $2 \mu g/mL(0.5 \times 10^6 - 1 \times 10^6 \text{ cells})$

Data



HEK293T cells transfected with pcDNA3.1 plasmid encoding Mouse TNF- α gene were stained with 0.2 μg AF/LE 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 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 as eptic 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).

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