

À des fins de recherche uniquement

Anticorps Monoclonal anti-TNF Alpha

Numéro de catalogue: CL488-69002



Informations de base

Numéro de catalogue:

CL488-69002

Taille:

100ul , Concentration: 1000 µg/ml by Nanodrop;

Hôte:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

HZ-1014

Numéro d'acquisition GenBank:

Identification du gène (NCBI):

7124

Nom complet:

tumor necrosis factor (TNF superfamily, member 2)

Méthode de purification:

Purification par protéine G

CloneNo.:

11H8A5

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Applications testées:

FC (Intra)

Spécificité de l'espèce:

Humain

Informations générales

TNF, as also known as TNF-alpha, or cachectin, is a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. It is expressed as a 26 kDa membrane bound protein and is then cleaved by TNF-alpha converting enzyme (TACE) to release the soluble 17 kDa monomer, which forms homotrimers in circulation. It is produced chiefly by activated macrophages, although it can be produced by many other cell types such as CD4+ lymphocytes, NK cells, neutrophils, mast cells, eosinophils, and neurons. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFR2. This cytokine is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. This cytokine has been implicated in a variety of diseases, including autoimmune diseases, INS resistance, and cancer.

Stockage

Stockage:

Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.

L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

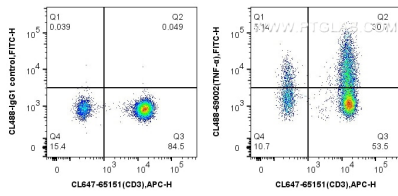
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

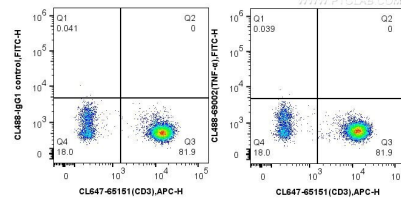
E: proteintech@ptglab.com
W: ptglab.com

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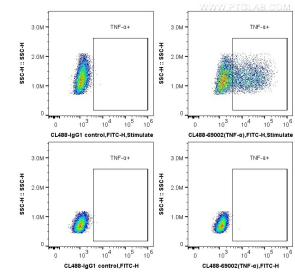
Données de validation sélectionnées



1X10⁶ PMA+ionomycin-stimulated and Monensin Solution treated human PBMCs were intracellularly stained with 0.25 ug CoraLite® Plus 488 Anti-Human TNF Alpha (CL488-69002, Clone:11H8A5), and 0.25 ug Mouse IgG1 Isotype Control (CL488-66360, Clone: T1F8D3F10), and 0.25 ug CoraLite® Plus 647 Anti-Human CD3 (UCHT1) (CL647-65151, Clone: UCHT1). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



1X10⁶ human PBMCs were intracellularly stained with 0.25 ug CoraLite® Plus 488 Anti-Human TNF Alpha (CL488-69002, Clone:11H8A5), and 0.25 ug Mouse IgG1 Isotype Control (CL488-66360, Clone: T1F8D3F10), and 0.25 ug CoraLite® Plus 647 Anti-Human CD3 (UCHT1) (CL647-65151, Clone: UCHT1). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



1X10⁶ PMA, LPS, and Brefeldin A treated THP-1 cells were intracellularly stained with 0.25 ug CoraLite® Plus 488 Anti-Human TNF Alpha (CL488-69002, Clone:11H8A5) (red), or 0.25 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Intracellular Staining Permeabilization Wash Buffer.