

Anti-TNF-alpha Antibody-FITC (7S35)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	FITC
Clone:	7S35
Purification:	Protein A

Applications

Verified Activity:	Flow cytometric analysis of anti-human TNF α on stimulated PBMC. Human peripheral blood mononuclear cells were stimulated for 6 hrs with Leukocyte Activation Cocktail, with BD GolgiPlug™ (BD Pharmingen™ Cat. No.550583). Cells were then fixed and permeabilized according to manufacturer's manual (BD Pharmingen™ Cat. No. 554714), followed by staining with Alexa Fluor® 647 Mouse Anti-Human CD8 (clone RPA-T8, BD Pharmingen™ Cat. No. 557708) and FITC Mouse anti-Human TNF α . The dot plots were derived from gated lymphocytes.
Application:	FCM
Recommended	10 μ l/Test, 0.1 mg/ml

Properties

Stability & Storage:	Store at 2°C-8°C for 12 months, do not freeze. Keep away from direct sunlight. Sodium azide is toxic to cells and should be disposed of properly. Flush with large volumes of water during disposal.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human TNF-alpha protein (TMPY-00936)
Antigen Species:	Human
Biology Area:	Cancer Drug Targets, Neuroinflammation

Research Background

Tumor necrosis factor alpha (TNF-alpha), also known as TNF, TNFA or TNFSF2, is the prototypic cytokine of the TNF superfamily, and is a multifunctional molecule involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. Two receptors, TNF-R1 (TNF receptor type 1; CD120a; p55/60) and TNF-R2 (TNF receptor type 2; CD120b; p75/80), bind to TNF-alpha. TNF-alpha protein is produced mainly by macrophages, and large amounts of this cytokine are released in response to lipopolysaccharide, other bacterial products, and Interleukin-1 (IL-1). TNF-alpha is involved in fighting against the tumorigenesis, thus, is regarded as a molecular insight in cancer treatment. TNF-alpha Protein & Antibody Cancer Immunotherapy Immune Checkpoint Immunotherapy Targeted Therapy

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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