

Anti-TNF-alpha Antibody (7S35)

Product Details

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

Applications

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| Verified Activity: | Flow cytometric analysis of Purified anti-Human TNF α on CHO transfected cells and stimulated lymphocytes. Left panel The transfected cells stained with Purified Mouse anti-TNF α (Bold line hisgram), To demonstrate specificity of staining, the binding of Anti-TNF-alpha Antibody was blocked by the preincubation of the purified antibody with molar excess of recombinant human TNF α (5 μ g) for 1 hour (dashed line hisgram), then stained with a FITC-conjugated second step antibody. Right panel Human PBMC were stimulated for 4 hrs with Leukocyte Activation Cocktail (with BD GolgiPlug™, BD Pharmingen™ Cat. No. 550583), then cells were harvested and treated according to manufacturer's manual (BD Pharmingen™ Cat. No. 554714). |
| Application: | ELISA,ELISA(Cap),FCM |
| Recommended | ELISA: 1:1000-1:2000; FCM: 1:25-1:100; ELISA(Cap): 1:250-1:2000 |

Properties

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| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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| Immunogen: | Recombinant Protein: Human TNF α 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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