
TNF-alpha Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 251690

Unit: 0.1 mg

Description:

Tumor necrosis factor alpha (TNF-alpha) is a cytokine that binds to the TNF-R1 and TNF-R2 receptors. TNF-alpha is mainly secreted by macrophages and induces cell death of certain tumor cell lines. It is a potent pyrogen causing fever by direct action or by stimulation of IL-1 secretion, and therefore found in cachexia accompanying diverse cancers and infections. Genetic variations in TNF are associated with susceptibility to psoriatic arthritis and to HBV infection.

Isotype: Mouse IgG

Applications: E, IHC, IP, WB

Species Reactivity: B, Ck, D, Hs, H, M, P, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Tumor necrosis factor; TNF-alpha; Tumor necrosis factor ligand superfamily member 2; TNF-a; Cachectin; TNF; TNFA; TNFSF2

Accession No.: P01375

Antigen: Recombinant human TNF-alpha protein.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IP: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

Product Citations: [1] Moore S et al. 2014. Thesis. The Ohio State University. [2] Moore S et al. 2012. Elsevier. Veterinary Immunology and Immunopathology. 148(3-4):348-352. PMID# 22840733. [3] Tong H et al. 2011. Endocrine Biology. The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology. 294(3):445-452. PMID# 21308995.

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