

TNF-alpha Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250844

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: Rabbit Ig

Applications: E, IHC, WB

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

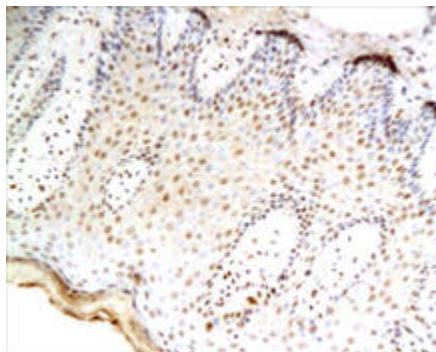
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

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

Accession No.: P10276

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TNF-alpha.

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



TNF-alpha staining in human skin. Paraffin-embedded human skin is stained with TNF-alpha Antibody (Cat. No. 250844) used at a 1:100 dilution.

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

Product is guaranteed one year from the date of shipment.

Product Citations: [1] Bhol KC et al. 2013. Inflamm Bowel Dis. 19(11): 2273-2281. PMID# 23949620. [2] Sun C et al. 2013. Elsevier. Experimental Eye Research. doi:org.10.1016/j.exer.2013.05.018. PMID# 23748101. [3] Hwang J-H. et al. 2013. PLoS ONE. 8(4):e60730. PMID# 23637762. [4] Byrne R et al. 2012. Research Article. PLoS ONE 7(4):e35194. PMID# 22529989. [5] Yasuda M et al. 2012. American Journal of Physiology-Gastrointestinal and Liver Physiology. 302(10):G1133-G1142. PMID# 22403796. [6] Choi I et al. 2010. Free Radical Research. 44(5): 541-551. PMID# 20214504.

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