

TNF-alpha Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251900

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: Ca, D, Hs, H, M, P, R, Sh

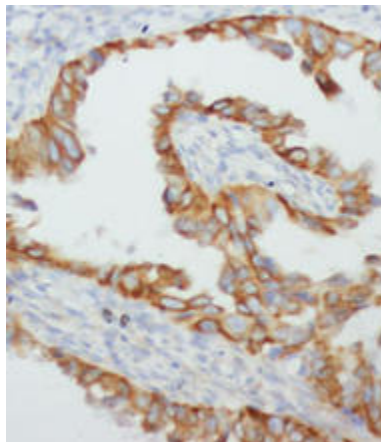
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 1 mg/ml BSA with 0.09% sodium azide. Antibody was purified by immunogen-affinity chromatography.

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

Accession No.: P01375

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

Application Notes: E: 1:1,000-1:5,000; WB: 1:100-1:500; IHC: 1:100-1:500



TNF-alpha staining in human mammary cancer. Paraffin-embedded human mammary cancer is stained with TNF-alpha (Cat. No. 251900) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: [1] Hsueh SC et al. ACS Pharmacol Transl Sci. 4(2): 980-1000. PMID 33860215. [2] Mohammed OH et al. Environ Sci Pollut Res Int. 2021. 28(45): 64561-71. PMID 34312757. [3] Mulas G et al. 2016. Exp Neurol. 286: 83-92. PMID 27697481. [4] Pova TF et al. 2016. PLoS One. 11(12): e0168973. PMID 28006034. [5] Hwang J-H et al. 2013. PLoS ONE. 8(4): e60730. PMID 23637762. [6] Carta A et al. 2011. Neuroscience. 194: 250-261. PMID 21839812. [7] Pisanu A et al. 2014. Neurobiol Dis. 71: 280-91. PMID 25134730.

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