
TNF alpha Rabbit pAb

Catalog Number: bs-2081R

Target Protein: TNF alpha

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), Flow-Cyt (1ug/Test)

Reactivity: Human, Mouse

Predicted MW: 17/26 kDa

Entrez Gene: 7124

Swiss Prot: P01375

Source: KLH conjugated synthetic peptide derived from human TNF-alpha: 181-235/235.

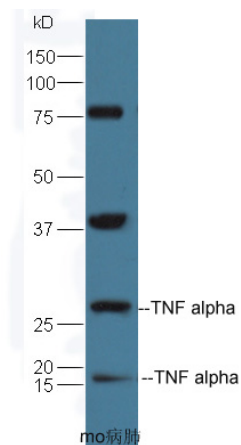
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

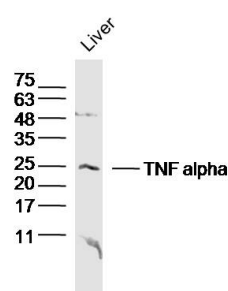
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. This cytokine is mainly secreted by macrophages. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. This cytokine is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. This cytokine has been implicated in a variety of diseases, including autoimmune diseases, insulin resistance, psoriasis, rheumatoid arthritis ankylosing spondylitis, tuberculosis, autosomal dominant polycystic kidney disease, and cancer. Mutations in this gene affect susceptibility to cerebral malaria, septic shock, and Alzheimer disease. Knockout studies in mice also suggested the neuroprotective function of this cytokine. [provided by RefSeq, Aug 2020]

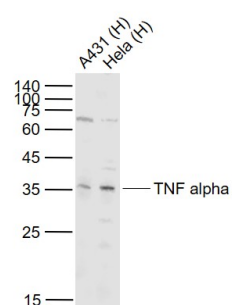
VALIDATION IMAGES



Sample: Diseased lung(mouse) at 30ug; Primary: Anti-TNF alpha (bs-2081R) at 1:300 dilution; Secondary: HRP conjugated Goat-Anti-Rabbit IgG(bs-0295G-HRP) at 1: 5000 dilution; Predicted band size :17/28 kD
Observed band size :17/28 kD



Sample: Liver (mouse) Lysate at 40 ug Primary: Anti-TNF alpha(bs-2081R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 17/26kD Observed band size: 25 kD



Sample: Lane 1: A431 (Human) Cell Lysate at 30 ug Lane 2: HeLa (Human) Cell Lysate at 30 ug Primary: Anti-TNF alpha (bs-2081R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 36/17/26 kD Observed band size: 36 kD

PRODUCT SPECIFIC PUBLICATIONS

[IF=10.5] Jiayi Guo. et al. Injectable hydrogel microsphere-bomb for MRSA-infected chronic osteomyelitis. J CONTROL RELEASE. 2024 Dec;376:337 IHC ; Rat . 39413850

[IF=9.58] Xiaoli Guo. et al. ASK1 signaling regulates phase-specific glial interactions during neuroinflammation. P Natl Acad Sci Usa. 2022 Feb;119(6): IHC ; Mouse . 35101972

[IF=9.473] Xiao-yan He. et al. Cpd-42 Alleviates Acute Kidney Injury via Targeting RIPK3-mediated Necroptosis. BRIT J PHARMACOL. 2023 May;; IF,ICC ; Human, Mouse . 37248964

[IF=7.675] Shaneice K. Nettleford. et al. Selenoprotein W Ameliorates Experimental Colitis and Promotes Intestinal Epithelial Repair. ANTIOXIDANTS-BASEL. 2023 Apr;12(4):850 WB ; Mouse . 37107231

[IF=6.792] Xinran Li. et al. Fumonisin B1 exposure triggers intestinal tract injury via activating nuclear xenobiotic receptors and attracting inflammation response. Environ Pollut. 2020 Dec;267:115461 WB ; Mouse . 33254674