
TNF alpha Mouse mAb

Catalog Number: bsm-33207M

Target Protein: TNF alpha

Concentration: 1mg/ml

Form: Size : 50ul/100ul/200ul

Liquid

Size : 200ug (PBS only)

Lyophilized

Note: Centrifuge tubes before opening. Reconstitute the lyophilized product in distilled water. Optimal concentration should be determined by the end user.

Host: Mouse

Clonality: Monoclonal

Clone No.: 3A4

Isotype: IgG1

Applications: WB (1:1000-2000)

Reactivity: Rat (predicted: Mouse, Rabbit, Pig, Sheep, Cow, Chicken, Dog, Guinea Pig, Monkey, Insect/Yeast)

Predicted MW: 17/26 kDa

Entrez Gene: 7124

Swiss Prot: P01375

Purification: affinity purified by Protein G

Storage: Size : 50ul/100ul/200ul

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

Size : 200ug (PBS only)

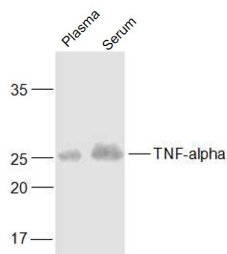
0.01M PBS

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: plasma (Rat) at 40 ug serum (Rat) at 40 ug Primary: Anti-TNF-alpha (bsm-33207M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 17/26 kD Observed band size: 26 kD

PRODUCT SPECIFIC PUBLICATIONS

[IF=32.086] Yingying Jin. et al. A Novel “Inside-Out” Intraocular Nanomedicine Delivery Mode for Nanomaterials Biological Effects Enhanced Choroidal Neovascularization Occlusion and Microenvironment Regulation. ADV MATER. 2022 Dec;;2209690 IF ; Mouse . 36527723

[IF=15.8] Xuezhe Liu. et al. Nonswellable Hydrogel Patch with Tissue-Mimetic Mechanical Characteristics Remodeling In Vivo Microenvironment for Effective Adhesion Prevention. ACS NANO. 2024;XXXX(XXX):XXX-XXX IF ; Mouse,Rat . 38932673

[IF=14.224] Biqi Han. et al. Effects of thiacloprid exposure on microbiota–gut–liver axis: Multiomics mechanistic analysis in Japanese quails. J HAZARD MATER. 2023 Jan;442:130082 WB ; Quail . 36209609

[IF=12.153] Hong Jihye. et al. Senescent cancer cell-derived nanovesicle as a personalized therapeutic cancer vaccine. EXP MOL MED. 2023 Mar;;1-14 WB ; Mouse . 36854774

[IF=10.7] Jiayi Li. et al. Chronic arsenic exposure-provoked biotoxicity involved in liver-microbiota-gut axis disruption in chickens based on multi-omics technologies. J ADV RES. 2024 Jan;; WB ; Chicken . 38237767