

TNF- α Polyclonal Antibody

Catalog No: #41504

Package Size: #41504-1 50ul #41504-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	TNF- α Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF ELISA
Species Reactivity	Human;Mouse;Rat
Specificity	TNF- α Polyclonal Antibody detects endogenous levels of TNF- α protein.
Immunogen Type	peptide
Immunogen Description	Synthesized peptide derived from the Internal region of human TNF- α .
Conjugates	Unconjugated
Target Name	TNF- α
Other Names	TNF; TNFA; TNFSF2; Tumor necrosis factor; Cachectin; TNF-alpha; Tumor necrosis factor ligand superfamily member 2; TNF-a
Accession No.	Swiss-Prot: P01375NCBI Gene ID: 7124
Calculated MW	26kDa
SDS-PAGE MW	17kDa
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

Application Details

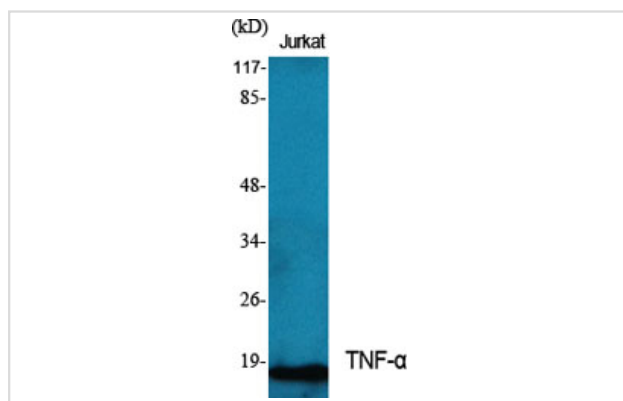
Western Blot: 1:500-2000

Immunohistochemistry: 1/100 - 1/300

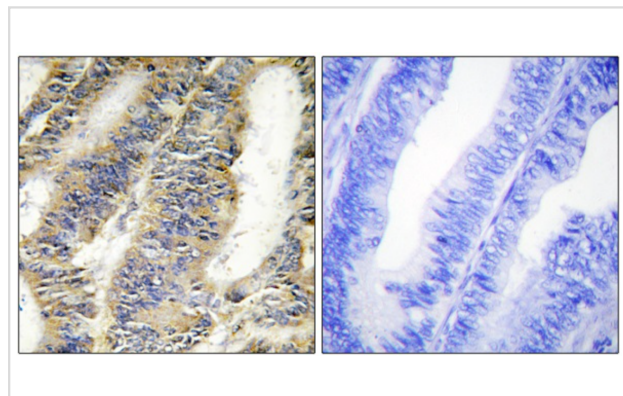
Immunofluorescence: 1/200 - 1/1000

ELISA: 1/10000

Images



Western Blot analysis of Jurkat cells using TNF- α Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using TNFA antibody.

Published Papers

el at., Two-way immune effects of deoxynivalenol in weaned piglets and porcine alveolar macrophages: Due mainly to its exposure dosage. In Chemosphere on 2020 Jun; by Liu D, Wang Q, et al..PMID:32229367, , (2020)

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el at., Tongxinluo inhibits vascular inflammation and neointimal hyperplasia through blockade of the positive feedback loop between miR-155 and TNF- δ O . In Am J Physiol Heart Circ Physiol on 2014 Aug 15 et al..PMID: 24951754, , (2014)

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el at., Bifico Relieves Irritable Bowel Syndrome By Regulating Gut Microbiota Dysbiosis and Inflammatory Cytokines in an Animal Mode, , (2021)

[PMID:](#)

el at., Bifico relieves irritable bowel syndrome by regulating gut microbiota dysbiosis and inflammatory cytokines. In Eur J Nutr on 2023 Feb by Yanlin Zhou, Fan Zhang,et al..PMID:35918555, , (2022)

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el at., Reproductive endocrine disruption and gonadal intersex induction in male Japanese medaka chronically exposed to betamethasone at environmentally relevant levels In J Hazard Mater On 2023 Aug 5 by Maoliang Su , Youling Zhong et al..PMID:37156043, , (2023)

[PMID:37576825](#)

el at., Bifico relieves irritable bowel syndrome by regulating gut microbiota dysbiosis and inflammatory cytokines In Eur J Nutr On 2023 Feb by Yanlin Zhou , Fan Zhang et al..PMID:35918555, , (2023)

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el at., Coffea arabica Extract Attenuates Atopic Dermatitis-like Skin Lesions by Regulating NLRP3 Inflammasome Expression and Skin Barrier Functions In Int J Mol Sci On 2023 Aug 2 by Qiao-Xin Chang , Jia-Ling Lyu et al..PMID:37569742, , (2023)

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el at., Berberine inhibits high fat diet-associated colorectal cancer through modulation of the gut microbiota-mediated lysophosphatidylcholine In Int J Biol Sci On 2023 Apr 9 by Haitao Chen , Chenxiao Ye et al..PMID:37151876, , (2023)

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Yuying Han;Liya Liu;Youqin Chen;Huifang Zheng;Mengying Yao;Liuqing Cao;Thomas J. Sferra;Xiao Ke;Jun Peng;Aling Shen et al., Qing Hua Chang
Yin alleviates chronic colitis of mice by protecting intestinal barrier function and improving colonic microflora, , (2023)

[PMID:37576825](#)

Shuwan Tang;Zichao Qiu;Fangmei Liu;Cunyu Li;Guoping Peng et al., Lipopolysaccharide aggravating anaphylactoid reactions caused by traditional
Chinese Medicine injections via p38/ERK/NF-κB signaling pathways., , (2025)

[PMID:39419299](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.