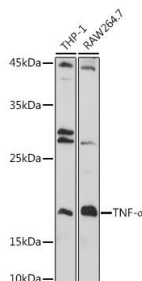
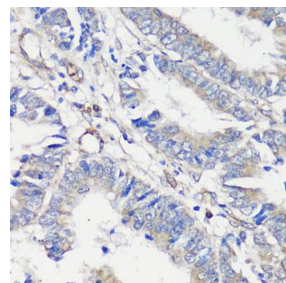


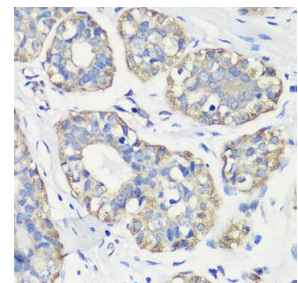
<b>Cat. No:</b>	MAB-94636
<b>Size:</b>	100 ug
<b>Clone:</b>	TNF-3
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rb
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-233 of human TNF.
<b>Reactivity:</b>	Hu, Ms, Rt
<b>Applications:</b>	Western Blot: 1:1000 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200
<b>Molecular Weight:</b>	17kDa
<b>Purification:</b>	Aff. Pur.
<b>Synonyms:</b>	TNF;DIF;TNF-alpha;TNFA;TNFSF2;TNLG1F;TNF alpha
<b>Background:</b>	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, and cancer. Knockout studies in mice also suggested the neuroprotective function of this cytokine.
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.



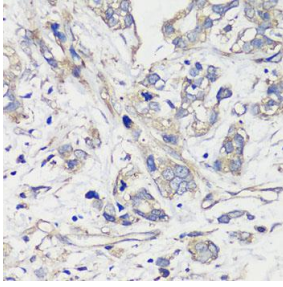
Western blot analysis of extracts of various cell lines, using TNF- $\alpha$  antibody at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus.  
Exposure time: 30s.



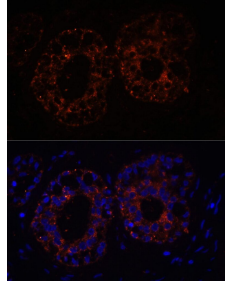
Immunohistochemistry of paraffin embedded Human colon carcinoma using TNF- $\alpha$  antibody at dilution of 1:100 (40x lens).



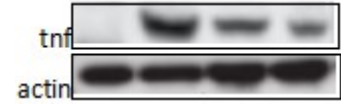
Immunohistochemistry of paraffin embedded Human breast cancer using TNF- $\alpha$  antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin Embedded Human gastric cancer using TNF- $\alpha$  antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of Human mammary cancer cells using TNF- $\alpha$  antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Review:  
Review for TNF- $\alpha$  Rabbit mAb  
Experiment Type Western blot (WB)

## References

References for TNF- $\alpha$  Rabbit mAb

Product:TNF- $\alpha$  Rabbit mAb

Journal:Journal Of Periodontal Research

Application:WB

IF:2.662

Species:Rattus norvegicus

PMID:25645818

Title:Puerarin decreases bone loss and collagen destruction in rats with ligature-induced periodontitis

References for TNF- $\alpha$  Rabbit mAb

Product:TNF- $\alpha$  Rabbit mAb

Journal:Molecular Neurobiology

Application:WB

IF:6.189

Species:Rattus norvegicus

PMID:26887382

Title:Prevention of Hippocampal Neuronal Damage and Cognitive Function Deficits in Vascular Dementia by Dextromethorphan

References for TNF- $\alpha$  Rabbit mAb

Product:TNF- $\alpha$  Rabbit mAb

Journal:Pharmacological Research

Application:ELISA, WB

IF:4.481

Species:Mus musculus

PMID:29391237

Title:Sulforaphane attenuates microglia-mediated neuronal necroptosis through down-regulation of MAPK/NF- $\kappa$ B signaling pathways in LPS-activated BV-2 microglia

References for TNF- $\alpha$  Rabbit mAb

Product:TNF- $\alpha$  Rabbit mAb

Journal:biochemical and biophysical research communications

Application:WB

IF:2.559

Species:Homo sapiens

PMID:29605298

Title:Micro124-mediated AHR expression regulates the inflammatory response of chronic rhinosinusitis (CRS) with nasal polyps

References for TNF- $\alpha$  Rabbit mAb

Product:TNF- $\alpha$  Rabbit mAb

Journal:Molecular Pharmaceutics

Application:WB

IF:4.55

Species:Homo sapiens

PMID:30207732

Title:Synergetic and antagonistic molecular effects mediated by the feedback loop of p53 and JNK between Saikosaponin D and SP600125 on lung cancer A549 cells

References for TNF- $\alpha$  Rabbit mAb

Product:TNF- $\alpha$  Rabbit mAb

Journal:Acta Biochimica et Biophysica Sinica

Application:WB

IF:2.5

Species:Rattus norvegicus

PMID:32072182

Title:Resveratrol suppresses bone cancer pain in rats by attenuating inflammatory responses through the AMPK/Drp1 signaling

References for TNF- $\alpha$  Rabbit mAb

Product:TNF- $\alpha$  Rabbit mAb

Journal:Biomedicine & Pharmacotherapy

Application:WB

IF:3.74

Species:Homo sapiens

PMID:32199223

Title:DHA attenuates A $\beta$ -induced necroptosis through the RIPK1/RIPK3 signaling pathway in THP-1 monocytes

References for TNF- $\alpha$  Rabbit mAb

Product:TNF- $\alpha$  Rabbit mAb

Journal:Molecular Medicine Reports

Application:WB

IF:1.85

Species:Mus musculus

PMID:32319625

Title:Effects of combined treatment with PD L1 Ig and CD40L mAb on immune tolerance in the CBA/J x DBA/2 mouse model

References for TNF- $\alpha$  Rabbit mAb

Product:TNF- $\alpha$  Rabbit mAb

Journal:Aging

Application:

WB

IF:5.51

Species:Mus musculus

PMID:32320383

Title:Protective effects of autophagy and NFE2L2 on reactive oxygen species-induced pyroptosis of human nucleus pulposus cells

References for TNF- $\alpha$  Rabbit mAb

Product:TNF- $\alpha$  Rabbit mAb

Journal:Life sciences

Application:WB

IF:3.23

Species:Canis lupus familiaris

PMID:30811965

Title:Carotid baroreceptor stimulation improves cardiac performance and reverses ventricular remodelling in canines with

pacing-induced heart failure.

References for TNF- $\alpha$  Rabbit mAb

Product:TNF- $\alpha$  Rabbit mAb

Journal:Cell Proliferation

Application:WB

IF:5.039

Species:Homo sapiens,Mus musculus

PMID:31418947

Title:Inhibition of CREB-mediated ZO-1 and Activation of NF- $\kappa$ B-induced IL-6 by Colonic Epithelial MCT4 Destroys Intestinal Barrier Function.

References for TNF- $\alpha$  Rabbit mAb

Product:TNF- $\alpha$  Rabbit mAb

Journal:Advanced Science

Application:WB

IF:15.804

Species:Mus musculus,Rattus norvegicus

PMID:31763156

Title:Heat Shock Protein Inspired Nanochaperones Restore Amyloid- $\beta$  Homeostasis for Preventative Therapy of Alzheimer's Disease.

References for TNF- $\alpha$  Rabbit mAb

Product:TNF- $\alpha$  Rabbit mAb

Journal:Brain Res Bull

Application:WB

IF:3.37

Species:Mus musculus

PMID:32987101

Title:Treadmill exercise mitigates neuroinflammation and increases BDNF via activation of SIRT1 signaling in a mouse model of T2DM