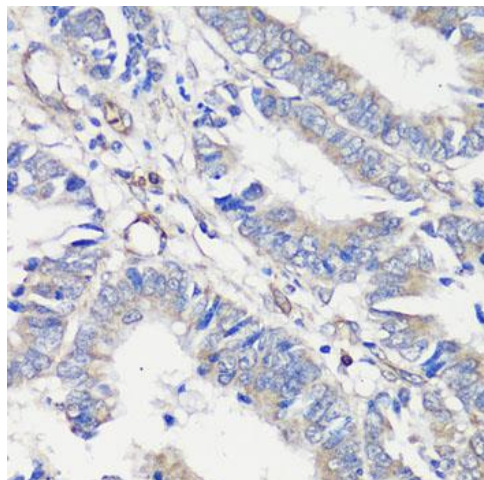


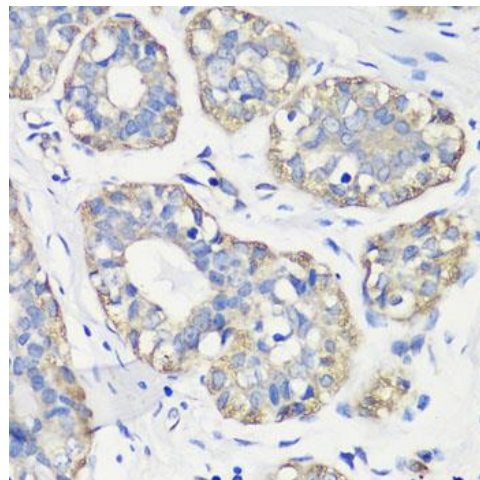
Product name:	TNF alpha
Cat number:	MAB-94636
Conjugate:	Unconjugated
Size:	100 ug
Clone:	TNF-3
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-233 of human TNF.
Reactivity:	Hu, Ms, Rt
Applications:	Western Blot: 1:1000 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200
Molecular Weight:	17kDa
Purification:	Aff. Pur.
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage:	Store at -20°C. Avoid 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, and cancer. Knockout studies in mice also suggested the neuroprotective function of this cytokine.



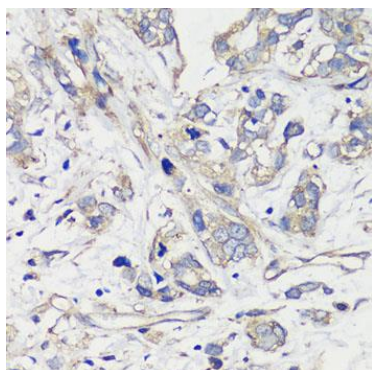
Western blot analysis of extracts of various cell lines, using TNF- α antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 30s.



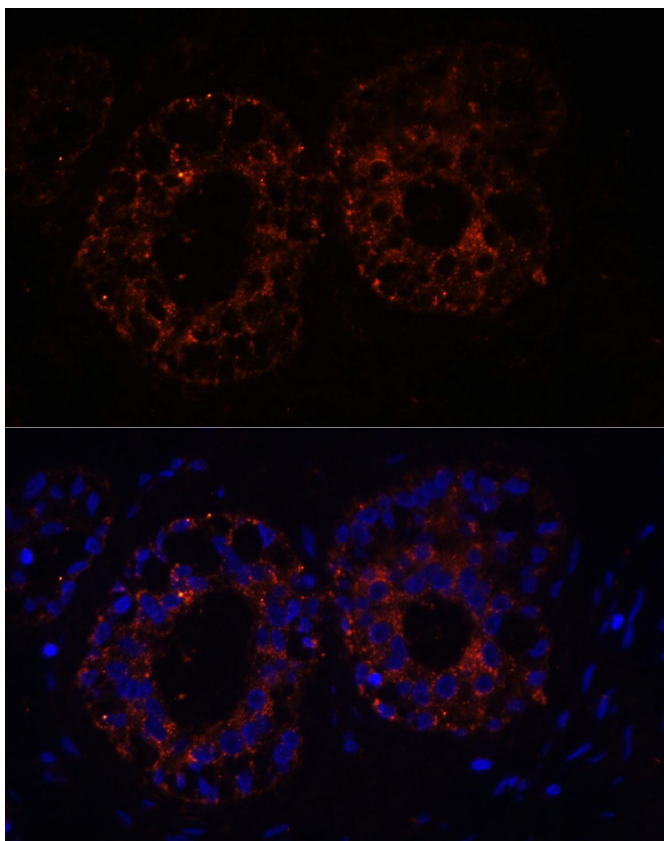
Immunohistochemistry of paraffin embedded Human colon carcinoma using TNF- α antibody at dilution of 1:100 (40x lens).



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



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



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

