

anti- TNF alpha antibody

Product Information

Catalog No.:	FNab08815
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	2A9
IsoType:	IgG2b
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

TNF, as also known as TNF-alpha, or cachectin, is a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor(TNF) superfamily. It is expressed as a 26 kDa membrane bound protein and is then cleaved by TNF-alpha converting enzyme(TACE) to release the soluble 17 kDa monomer, which forms homotrimers in circulation. It is produced chiefly by activated macrophages, although it can be produced by many other cell types such as CD4+ lymphocytes, NK cells, neutrophils, mast cells, eosinophils, and neurons. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFBFR. 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.

Immunogen information

Immunogen:	tumor necrosis factor(TNF superfamily, member 2)
Synonyms:	Cachectin, DIF, TNF, TNF a, TNF alpha, TNFA, TNF-a, TNFSF2, Tumor necrosis factor
Observed MW:	22 kDa
Uniprot ID :	P01375

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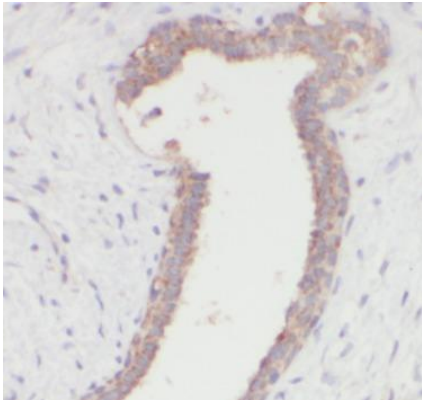
Application

Reactivity: Human, Mouse, Rat

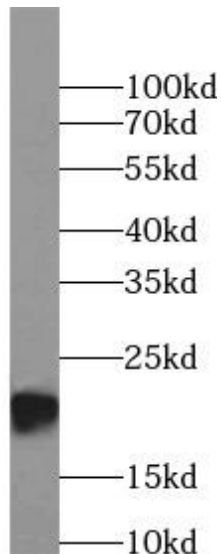
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:5000; IHC: 1:200-1:1000

Image:



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using FNab08815(TNF- α Antibody) at dilution of 1:800. heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



LPS treated RAW 264.7 cells were subjected to SDS PAGE followed by western blot with FNab08815(TNF- α Antibody) at dilution of 1:1000

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