

## TNF alpha antibody

### Product Information

Catalog No.:	FNab08821
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
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/TNFB. 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:	Tumor necrosis factor Cachectin TNF-alpha Tumor necrosis factor ligand superfamily member 2 (TNF-a) Tumor necrosis factor, membrane form Alternative names: N-terminal fragment (NTF) Intracellular domain 1 (ICD1) Intracellular domain 2 (ICD2) C-domain 1 C-domain 2 Tumor necrosis factor, soluble form TNF TNFA TNFSF2
Observed MW:	26 kDa
Uniprot ID :	P01375

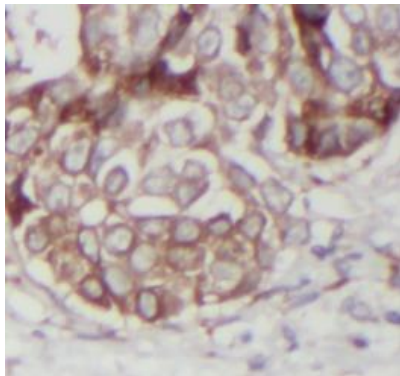
## Application

Reactivity: Human, Mouse, Rat

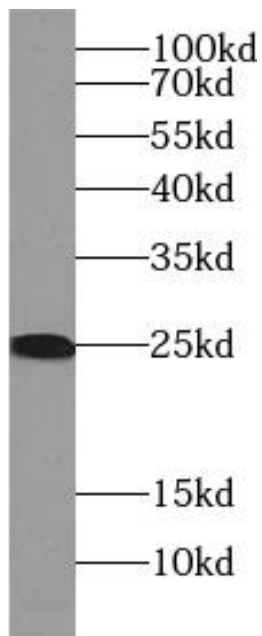
Tested Application: ELISA, IHC, WB

Recommended dilution: WB: 1:200-1:1000; IHC: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using FNab08821(TNF- $\alpha$  Antibody) at dilution of 1:50



mouse colon tissue were subjected to SDS PAGE followed by western blot with FNab08821(TNFA antibody) at dilution of 1:300