

## TNF Alpha Monoclonal Antibody(Q36)

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-MCA1211
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthetic Peptide of TNF $\alpha$
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human,Rat,Mouse
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB, IHC-p, IF
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Tumor necrosis factor
<b>Synonyms</b>	Tumor necrosis factor; Cachectin; TNF-alpha; Tumor necrosis factor ligand superfamily member 2; TNF-a

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### 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/TNFR2. 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.

### Recommended Dilution

IHC: 1:50-1:200

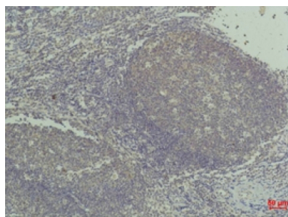
WB: 1:1000-1:3000

Not yet tested in other applications.

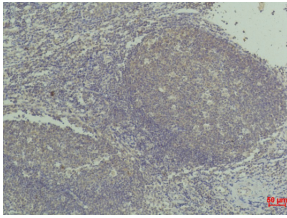
### Images



Western blot analysis of Recombinant Human TNF  $\alpha$  Protein with TNF Alpha Mouse Monoclonal antibody diluted at 1:2000.



Immunohistochemical analysis of paraffin-embedded Human Tonsil Tissue using TNF  $\alpha$  Mouse Monoclonal antibody diluted at 1:50



Immunohistochemical analysis of paraffin-embedded Human Tonsil Tissue using TNF a Mouse Monoclonal antibody diluted at 1:50.

### Storage

-20°C for one year

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