

# TNF $\alpha$ Mouse Monoclonal Antibody(Q34)

## Catalog No: RA10029

### Basic Information

Host species	Mouse
Applications	WB, IHC
Species Cross-Reactivity	H, R, M
Specificity	Antibody can detects recombinant & endogenous TNF $\alpha$ protein.
Recommended dilutions	WB: 1:1,000-2,000    IHC: 1:50 Optimal dilutions should be determined by the end user.

### Applications

Formulation	Antigen Affinity Purified in PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

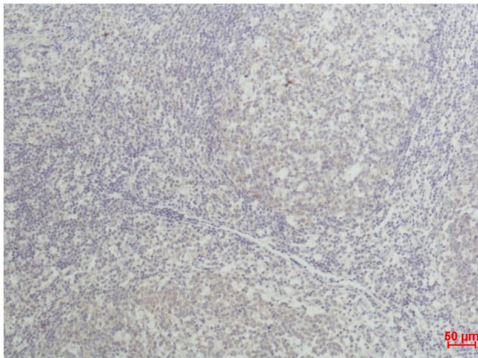
### Background

Alternative Names	APC1 antibody, DIF antibody, TNFSF2 antibody, Tumor necrosis factor alpha antibody
Observed band	17,25
Human Gene ID	7124
Human Swiss-Prot Number	P01375
Background	TNF- $\alpha$ , the prototypical member of the TNF protein superfamily, is a homotrimeric type-II membrane protein. It can cause cytolysis of certain tumor cell lines; it is involved in the induction of cachexia; it is a potent pyrogen, causing fever by direct action or by stimulation of interleukin-1 secretion; it can stimulate cell proliferation and induce cell differentiation under certain conditions..

## Selected Validation Data



Western blot analysis of Recombinant Human TNF  $\alpha$  Protein with TNF  $\alpha$  Mouse mAb diluted at 1:2,000.



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