

## TNF alpha Antibody

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| Cat. No.:         | HY-P80914   |
| Synonyms:         | TNF alpha Antibody is a non-conjugated and Rabbit originated polyclonal antibody about 26 kDa, targeting to TNF alpha. It can be used for WB,IHC-F,IHC-P,ICC/IF,ELISA assays with tag free, in the background of Human, Mouse, Rat. |
| Host:             | Rabbit  |
| Reactivity:       | Human,Mouse,Rat   |
| Conjugation:      | Non-conjugated  |
| SwissProt ID:     | P01375  |
| Research Field:   | Immunology  |
| Molecular Weight: | Predicted band size: 26 kDa   |

### PROPERTIES

|                              |  |                |
|------------------------------|--|----------------|
| Formulation                  | Supplied in 1*PBS (pH 7.3), 50% glycerol and 0.5% BSA. Preservative: 0.02% sodium azide. |                |
| Purity                       | affinity purified  |                |
| Storage & Stability          | Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.                         |                |
| Appearance                   | Liquid   |                |
| Application & Dilution Ratio | Application  | Dilution Ratio |
|                              | WB   | 1:500-1:1,000  |
|                              | IHC  | 1:50-1:100     |
|                              | IF   | 1:50-1:200     |
|                              | ELISA  | 1:10,000       |
| Shipping                     | Shipping with blue ice.  |                |

### DESCRIPTION

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| Background | <p>TNF alpha: 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, psoriasis, rheumatoid arthritis ankylosing spondylitis, tuberculosis, autosomal dominant polycystic kidney disease, and cancer. Mutations in this gene affect susceptibility to cerebral malaria, septic shock, and Alzheimer disease. Knockout studies in mice also suggested the neuroprotective function of this cytokine. [provided by RefSeq, Aug 2020]</p> |
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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