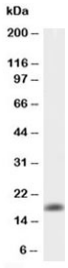
Mouse TNF alpha Antibody (R30102)

Catalog No.	Formulation	Size
R30102	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 0.025% sodium azide
UniProt	P06804
Applications	Western blot (recombinant protein): 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml ELISA: 0.1-0.5ug/ml (mouse protein tested)
Limitations	This mouse TNF alpha antibody is available for research use only.



Western blot testing of 0.5ng/lane of mouse TNFa recombinant protein with mouse TNF alpha antibody at 0.5ug/ml.

Description

Tumor Necrosis Factor alpha is a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. This cytokine is mainly secreted by macrophages. It binds and functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFBR. It is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation and 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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the mouse TNF alpha antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Mouse partial recombinant protein (AA 80-235) was used as the immunogen for this mouse TNF alpha antibody.

Storage

After reconstitution, the mouse TNF alpha antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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