

Anti-TNF-alpha Antibody (1Q810)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Rat
Conjugation:	Unconjugated
Clone:	1Q810
Purification:	Protein A

Applications

1. Immunofluorescence staining of rat TNF α in rat spleen cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with rabbit anti-rat TNF α monoclonal antibody (dilution ratio 1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor[®]488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Cell membrane.

2. Anti-TNFalpha rabbit monoclonal antibody at 1:500 dilution.

-Lane A: Hela Whole Cell Lysate.

-Lane B: Rat spleen tissue Lysate.

-Lane C: Rat brain tissue lysate.

-Lysates/proteins at 30 μ g per lane.

-Secondary

-Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.

-Developed using the ECL technique.

-Performed under reducing conditions.

-Predicted band size:25 kDa.

-Observed band size:30 kDa

Verified Activity:

Application: ICC/IF,WB

Recommended WB: 1:500-1:2000; ICC-IF: 1:20-1:100

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: Rat TNF-alpha Protein (TMPY-02202)

Antigen Species: Rat

Biology Area: Cancer Drug Targets, Neuroinflammation

Research Background

Tumor necrosis factor alpha (TNF-alpha), also known as TNF, TNFA or TNFSF2, is the prototypic cytokine of the TNF superfamily, and is a multifunctional molecule involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. Two receptors, TNF-R1

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(TNF receptor type 1; CD120a; p55/60) and TNF-R2 (TNF receptor type 2; CD120b; p75/80), bind to TNF-alpha. TNF-alpha protein is produced mainly by macrophages, and large amounts of this cytokine are released in response to lipopolysaccharide, other bacterial products, and Interleukin-1 (IL-1). TNF-alpha is involved in fighting against the tumorigenesis, thus, is regarded as a molecular insight in cancer treatment. TNF-alpha Protein & Antibody Cancer Immunotherapy Immune Checkpoint Immunotherapy Targeted Therapy

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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