

Anti-TNF-alpha Antibody (2H77)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Rat
Conjugation:	Unconjugated
Clone:	2H77
Purification:	Protein A

Applications

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

- Lane A: Rat spleen tissue Lysate.
- Lane B: Rat kidney tissue Lysate.
- Lane C: Rat lung tissue lysate.
- Lysates/proteins at 30 µg per lane.

Verified Activity:	-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
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Application: WB

Recommended WB: 1:500-1:2000

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 (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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