

Datasheet for ABIN465746

anti-TNF alpha antibody (Biotin)



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2 Images

Overview

Quantity:	50 µg
Target:	TNF alpha
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNF alpha antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Neutralization (Neut)

Product Details

Immunogen:	E.coli derived recombinant Rat TNF-alpha.
	Type of Immunogen: Cell extract
Specificity:	Rat TNF-alpha
Purification:	Immunoaffinity purified

Target Details

Target:	TNF alpha
Alternative Name:	TNF Alpha (TNF alpha Products)
Background:	Name/Gene ID: TNF Family: TNF

Target Details

	Synonyms: TNF, APC1 protein, Cachectin, DIF, TNF Alpha, Tumor necrosis factor-alpha, TNF-alpha, TNF-a, TNFA, Tumor necrosis factor, TNF, macrophage-derived, TNF, monocyte-derived, TNFSF2
Gene ID:	7124
UniProt:	P01375
Pathways:	NF-kappaB Signaling, Apoptosis, Caspase Cascade in Apoptosis, TLR Signaling, Cellular Response to Molecule of Bacterial Origin, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response, Positive Regulation of Endopeptidase Activity, Hepatitis C, Protein targeting to Nucleus, Inflammasome

Application Details

Application Notes:	Approved: ELISA (1 µg/mL), Neut, WB (0.1 - 0.2 µg/mL)
	Usage: The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested. ELISA: To detect Rat TNF-alpha by direct ELISA (using 100 µL/well antibody solution) a concentration of 0.25-1 µg/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2-0.4 ng/well of recombinant Rat TNF-alpha. To detect Rat TNF-alpha by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.25-1 µg/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with Polyclonal Anti-Rat TNF-alpha (LS-C104761) as a capture antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant Rat TNF-alpha. Western Blot: To detect Rat TNF-alpha by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Rat TNF-alpha is 1.5-3 ng/lane, under either reducing or non-reducing conditions.
Comment:	Target Species of Antibody: Rat
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Sterile PBS containing 0.1 % BSA

Handling

Concentration:	Lot specific
Buffer:	Lyophilized from PBS, pH 7.2
Handling Advice:	Avoid freeze/thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Store Lyophilized at room temperature up to 1 month Reconstituted for up to 2 weeks at 2-8°C. Aliquot and freeze at -20°C for long term storage. Avoid freeze/thaw cycles.

Images

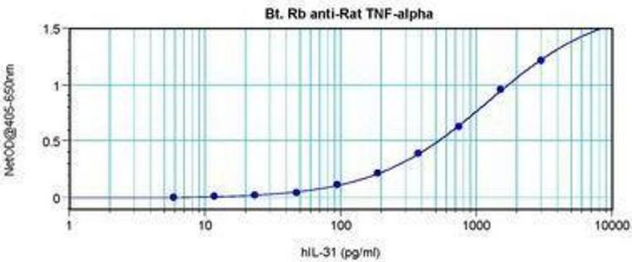


Image 1.

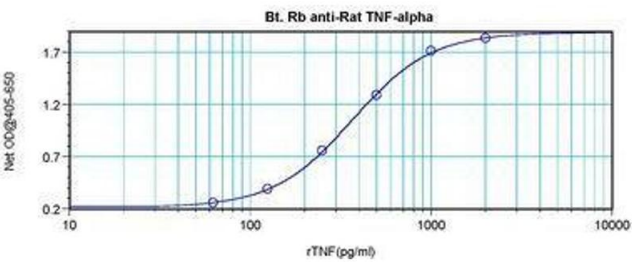


Image 2.