

Datasheet for ABIN782382

anti-TNF alpha antibody (AA 1-234)[Go to Product page](#)**4** Images

Overview

Quantity:	50 µg
Target:	TNF alpha
Binding Specificity:	AA 1-234
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TNF alpha antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	TNF antibody was raised against tNF (AAH28148, 1 a.a. ~ 234 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Clone:	M1-C4
Isotype:	IgG1
Specificity:	This antibody reacts to TNF.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	TNF alpha
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Target Details

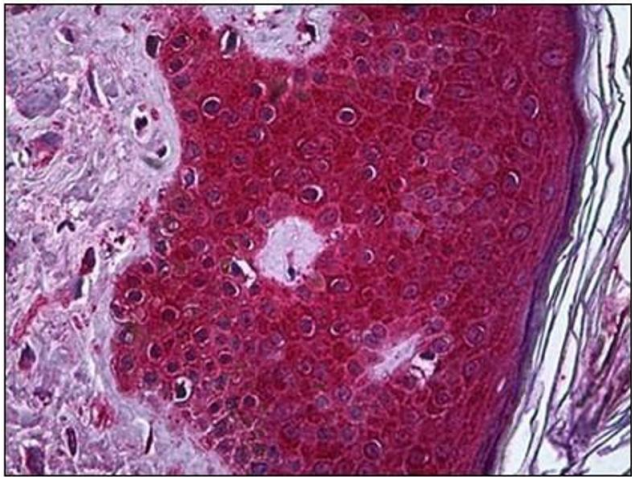
Alternative Name:	Tumor Necrosis Factor (TNF-Alpha) (TNF alpha Products)
Background:	Tumor Necrosis Factor (TNF) is a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. TNF is mainly secreted by macrophages. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. TNF is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. TNF 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. Synonyms: Cachectin, TNF, TNF-a, TNFA, TNFSF2, Tumor necrosis factor ligand superfamily member 2
Gene ID:	7124
NCBI Accession:	NP_000585
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:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

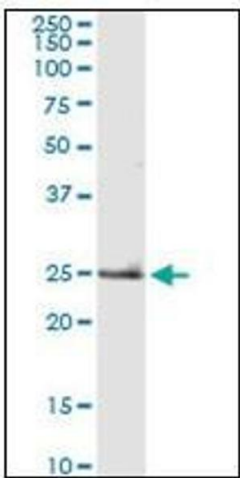
Handling

Concentration:	0,5 mg/mL
Buffer:	PBS, pH 7.2
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



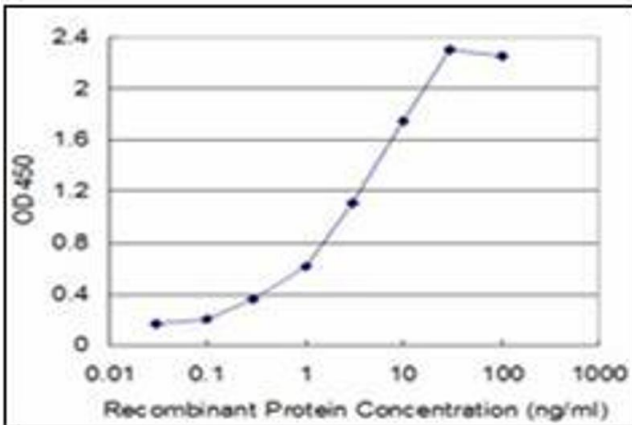
Immunohistochemistry

Image 1.



Western Blotting

Image 2.



ELISA

Image 3.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN782382.