

Datasheet for ABIN1383955
anti-TNF alpha antibody

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Overview

Quantity:	500 µL
Target:	TNF alpha
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TNF alpha antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Functional Studies (Func), ELISpot

Product Details

Immunogen:	Recombinant human TNF- α , Myeloma X63/AG.8653 x Balb/c spleen cells
Clone:	B-C7
Isotype:	IgG1 kappa
Specificity:	Recognises both natural and recombinant human TNF- α
Purification:	Ion exchange chromatography
Sterility:	0.22 µm filtered
Biological Activity Comment:	Inhibits TNF α induced cytotoxicity on U937 cells

Target Details

Target:	TNF alpha
Alternative Name:	TNF alpha (TNF alpha Products)

Target Details

Background:	TNF α
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

Format:	Liquid
Buffer:	Phosphate-buffered saline. Sterile-filtered through 0.22 μ m. Carrier and preservative free
Preservative:	Without preservative
Storage:	4 °C
Storage Comment:	Store at +2-8°C for 12 months. DO NOT FREEZE.

Publications

Product cited in:	Arduise, Abache, Li, Billard, Chabanon, Ludwig, Mauduit, Boucheix, Rubinstein, Le Naour: "Tetraspanins regulate ADAM10-mediated cleavage of TNF-alpha and epidermal growth factor." in: Journal of immunology (Baltimore, Md. : 1950), Vol. 181, Issue 10, pp. 7002-13, (2008) (PubMed). Venet, Pachot, Debard, Bohe, Bienvenu, Lepape, Powell, Monneret: "Human CD4+CD25+ regulatory T lymphocytes inhibit lipopolysaccharide-induced monocyte survival through a Fas/Fas ligand-dependent mechanism." in: Journal of immunology (Baltimore, Md. : 1950), Vol. 177, Issue 9, pp. 6540-7, (2006) (PubMed). Dyugovskaya, Lavie, Lavie: "Phenotypic and functional characterization of blood gammadelta T cells in sleep apnea." in: American journal of respiratory and critical care medicine, Vol. 168, Issue 2, pp. 242-9, (2003) (PubMed).
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Limb, Daniels, Pleass, Charteris, Luthert, Khaw: "Differential expression of matrix metalloproteinases 2 and 9 by glial Müller cells: response to soluble and extracellular matrix-bound tumor necrosis factor-alpha." in: **The American journal of pathology**, Vol. 160, Issue 5, pp. 1847-55, (2002) ([PubMed](#)).

Hamacher, Lucas, Lijnen, Buschke, Dunant, Wendel, Grau, Suter, Ricou: "Tumor necrosis factor-alpha and angiostatin are mediators of endothelial cytotoxicity in bronchoalveolar lavages of patients with acute respiratory distress syndrome." in: **American journal of respiratory and critical care medicine**, Vol. 166, Issue 5, pp. 651-6, (2002) ([PubMed](#)).

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