

Anti-TNF alpha Purified Azide Free Monoclonal Antibody

Catalog Number: M00002-1

About TNF

TNF-alpha is a cytokine produced by monocytes, macrophages, neutrophils, NK cells, CD4+ T cells and many transformed cells. It can be expressed as a 17 kDa free molecule, or as a 26 kDa membrane protein. TNF-alpha easily forms stable trimers, but also other multimeric complexes. In the immune system, it is an important regulator, which has cytolytic and cytostatic activity against a range of tumor cells, increases fibroblast proliferation and supports neutrophil chemotaxis and phagocytosis.

Overview

Product Name	Anti-TNF alpha Purified Azide Free Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-TNF alpha Purified Azide Free Monoclonal Antibody (Catalog# M00002-1). Tested in WB, ELISA, Functional Assay application(s). This antibody reacts with Human.
Application	ELISA, WB, Functional Assay
Clonality	Monoclonal MAb1
Formulation	Phosphate buffered saline (PBS), pH 7.4, azide-free
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	P01375

Technical Details

Immunogen	Recombinant human TNF-alpha. The mouse monoclonal antibody MAb1 recognizes human 17-26 kDa cytokine TNF-alpha (tumor necrosis factor alpha).
Predicted Reactive Species	Primate
Isotype	Mouse IgG1 kappa
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

Functional application: Neutralization.

ELISA: It can be used as capture antibody in combination with biotinylated antibody MAb11.

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