

Anti-TNF alpha Purified Monoclonal Antibody

Catalog Number: M00002-2

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 Monoclonal Antibody
Reactive Species	Human, Pig, Primate
Description	Boster Bio Anti-TNF alpha Purified Monoclonal Antibody (Catalog# M00002-2). Tested in Flow Cytometry, IHC-F, ICC, ELISA application(s). This antibody reacts with Pig, Human, Primate.
Application	ELISA, Flow Cytometry, IHC-F, ICC
Clonality	Monoclonal MAb11
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
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 MAb11 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:
ELISA: Biotinylated MAb11 can be used as a detection antibody in combination with capture antibody MAb1.
Immunohistochemistry (frozen sections): paraformaldehyde-fixed, saponin-treated frozen tissue sections.
Flow cytometry: Intracellular staining.

2 Publications Citing This Product

1. PubMed ID: -, Dan min Wang,Yao Gong,Zhi duo Hou et al.Comparison of Sacroiliac Biopsies and Magnetic Resonance Imaging Examinations in Non-Radiographic Axial Spondyloarthritis, 05 January 2021, PREPRINT (Version 1) available at Research Square [<https://doi.org/10.21203>]
2. PubMed ID: -, Dan min Wang,Yao Gong,Zhi duo Hou et al.Comparison of Sacroiliac Biopsies and Magnetic Resonance Imaging Examinations in Non-Radiographic Axial Spondyloarthritis, 05 January 2021, PREPRINT (Version 1) available at Research Square [<https://doi.org/10.21203>]

Visit bosterbio.com/anti-tnf-alpha-purified-monoclonal-antibody-m00002-2-boster.html to see all 2 publications.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-TNF alpha Purified Monoclonal Antibody