

## 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

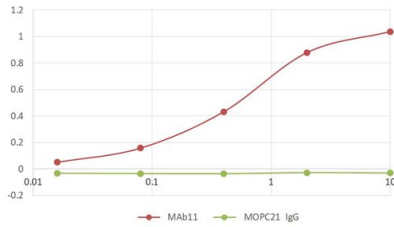
Product Name	Anti-TNF alpha Purified Monoclonal Antibody
Reactive Species	Human, Pig, Primate
Description	Boster Bio Anti-TNF alpha Purified Monoclonal Antibody (Catalog# M00002-2). Tested in Flow Cytometry, IHC-F, ICC, ELISA application(s). This antibody reacts with Pig, Human, Primate.
Application	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	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.

## Anti-TNF alpha Purified Monoclonal Antibody (M00002-2) Images



ELISA analysis of TNF alpha (1 ug/ml) using mouse monoclonal antibody MAb11 (0.01 - 10 ug/ml).

## 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>]

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