

## Mouse TNF alpha Monoclonal Antibody | anti-TNFA antibody

Anti-TNF alpha FITC

|                               |                      |                                                     |                                                         |
|-------------------------------|----------------------|-----------------------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA128703</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Pig, Human, Non-human primates</b> | APPLICATIONS<br><b>Flow Cytometry, Functional Assay</b> |
|-------------------------------|----------------------|-----------------------------------------------------|---------------------------------------------------------|

### PRODUCT SYNONYMS

TNF alpha; Monoclonal Antibody; Anti-TNF alpha FITC; tumor necrosis factor; DIF; TNLG1F; anti-TNFA antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                  |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                                            |
| Reactivity                                     | Pig, Human, Non-human primates                                                                                                                                   |
| Clonality                                      | Monoclonal                                                                                                                                                       |
| Isotype                                        | IgG1 kappa                                                                                                                                                       |
| Clone Number                                   | MAB11                                                                                                                                                            |
| Specificity                                    | The mouse monoclonal antibody MAB11 recognizes human 17-26 kDa cytokine TNF-alpha (tumor necrosis factor alpha).                                                 |
| Purity/Purification                            | The purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions. The conjugate is purified by size-exclusion chromatography. |
| Form/Format                                    | Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide                                                                                          |
| Sequence Length                                | 233                                                                                                                                                              |
| Applicable Applications for anti-TNFA antibody | FCM/FACS (Flow Cytometry)                                                                                                                                        |
| Immunogen                                      | Recombinant human TNF-alpha                                                                                                                                      |
| Conjugation                                    | FITC                                                                                                                                                             |
| Excitation laser                               | blue (488 nm)                                                                                                                                                    |
| Preparation and Storage                        | Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.                                                                                         |

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TNFA antibody | 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. |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                           |                             |
|---------------------------|-----------------------------|
| NCBI GI #                 | <a href="#">25952111</a>    |
| NCBI GeneID               | <a href="#">7124</a>        |
| NCBI Accession #          | <a href="#">NP_000585.2</a> |
| NCBI GenBank Nucleotide # | <a href="#">NP_000585.2</a> |

|                                  |                                      |
|----------------------------------|--------------------------------------|
| UniProt Accession #              | P01375                               |
| NCBI Official Full Name          | tumor necrosis factor                |
| NCBI Official Synonym Full Names | tumor necrosis factor                |
| NCBI Official Symbol             | TNF                                  |
| NCBI Official Synonym Symbols    | DIF; TNFA; TNFSF2; TNLG1F; TNF-alpha |
| NCBI Protein Information         | tumor necrosis factor                |
| UniProt Protein Name             | Tumor necrosis factor                |
| UniProt Gene Name                | <b>TNF</b>                           |
| UniProt Synonym Gene Names       | TNFA; TNFSF2; TNF-a; NTF; ICD1; ICD2 |
| UniProt Entry Name               | TNFA_HUMAN                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tnf-alpha-antibody-clone-mab11-flow-cytometry-elisa/128703>