∗ abeomics

30-2704: Anti-TNF alpha Biotin

| Clone Name : | MAb11 |
|-------------------------|------------------------------|
| Application : | IHC-Fr,ICC,ELISA,FACS |
| Reactivity : | Pig,Human,Non-Human Primates |
| Conjugate : | Biotin |
| Gene ID : | 7124 |
| Uniprot ID : | P01375 |
| Alternative Name : | TNFA, DIF, TNLG1F |
| Isotype : | Mouse IgG1 kappa |
| Immunogen Information : | Recombinant human TNF-alpha |

Description

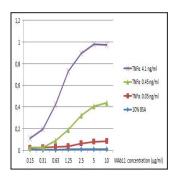
Specificity : The mouse monoclonal antibody MAb11 recognizes human 17-26 kDa cytokine TNF-alpha (tumor necrosis factor alpha). TNF-alpha is a cytokine produced by monocytes, macrophages, neutrophils, NK cells, CD4+ T cells and many transformed cells. It can be expressed as a 17 kDa free molecule, or 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.

Product Info

| Amount : | 0.1 mg |
|---------------------|---|
| Purification : | Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography. |
| Content : | 1 mg/ml Formulation : Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide |
| Storage condition : | Store at 2-8°C. Do not freeze. |

Application Note

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.



ELISA analysis of TNF alpha (0 - 4.1 ng/ml) using capture antibody MAb1 (5 \hat{I}_{4} g/ml) and biotinylated detection antibody MAb11 (0.15 - 10 \hat{I}_{4} g/ml).

