

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

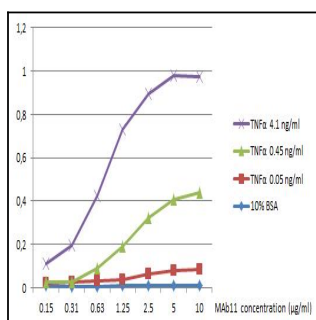
Specificity : The mouse monoclonal antibody MAb11 recognizes human 17-26 kDa cytokine TNF-alpha (tumor necrosis factor alpha). TNF-alpha is a cytokine produced by monocytes, macrophages, neutrophils, NK cells, CD4+ T cells and many transformed cells. It can be expressed as a 17 kDa free molecule, or 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} ₄g/ml) and biotinylated detection antibody MAb11 (0.15 - 10 \hat{I} ₄g/ml).