

30-1490-HRP: Anti-TNF-alpha Monoclonal Antibody (Clone:MAb11)-HRP Conjugated

Clonality :	Monoclonal
Clone Name :	MAb11
Application :	IHC-Fr,ELISA,FACS
Reactivity :	Pig,Human,Non-Human Primates
Conjugate :	HRP
Gene :	TNF
Gene ID :	7124
Uniprot ID :	P01375
Alternative Name :	Tumor necrosis factor, Cachectin , Tumor necrosis factor ligand superfamily member 2,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).

Description: 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 activated horseradish peroxidase (HRP) of high specific enzyme activity under optimum conditions and unconjugated antibody and free HRP are removed by size-exclusion chromatography.
Content :	Concentration: 0.2 mg/ml,Stabilizing phosphate buffered saline (PBS), pH 7.4, 0.01% thimerosal
Storage condition :	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Application Note

ELISA: HRP-conjugated MAb11 can be used as a detection antibody in combination with capture antibody MAb1.

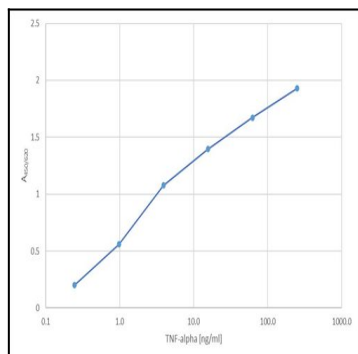


Figure 1: ELISA analysis of TNF-alpha (6 different concentrations: 0.25 - 250 ng/ml) was performed using capture antibody MAb1 (1 µg/ml) and HRP-conjugated detection antibody MAb11 (1 µg/ml).