

30-1489: Anti-TNF-alpha Monoclonal Antibody (Clone:MAB1)

Clonality :	Monoclonal
Clone Name :	MAB1
Application :	WB
Reactivity :	Human
Gene :	TNF
Gene ID :	7124
Uniprot ID :	P01375
Format :	Purified
Alternative Name :	Tumor necrosis factor, Cachectin , Tumor necrosis factor ligand superfamily member 2
Isotype :	Mouse IgG1
Immunogen Information :	Recombinant human TNF-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 by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Western Blotting ELISA *Application note:* Can be used as capture antibody in combination with biotinylated antibody MAb11.

Functional Application neutralization

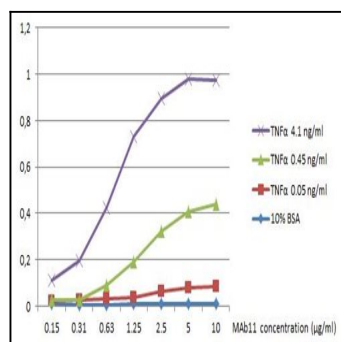


Figure 1: ELISA analysis of TNF alpha (0 - 4.1 ng/ml) using capture antibody MAB1 (5 µg/ml) and biotinylated detection antibody MAB11 (0.15 - 10 µg/ml).