

## 30-1037: Azide free Anti-TNF-alpha Monoclonal Antibody (Clone:MAb1)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	MAb1
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	TNF
<b>Gene ID :</b>	7124
<b>Uniprot ID :</b>	P01375
<b>Alternative Name :</b>	Cachectin, TNF-alpha, NTF
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	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

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	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

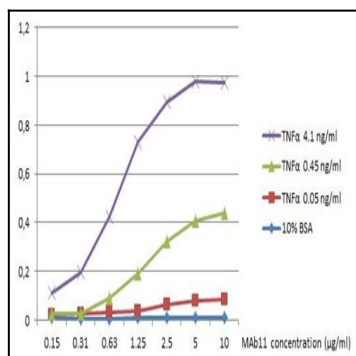


Figure 1: ELISA analysis of TNF alpha (0 - 4.1 ng/ml) using capture antibody MAb1 (5 µg/ml) and biotinylated detection antibody MAb11 (0.15 - 10 µg/ml)