

### 30-1037: Azide free Anti-TNF-alpha Monoclonal Antibody (Clone:MAB1)

Clonality :	Monoclonal
Clone Name :	MAB1
Application :	WB
Reactivity :	Human
Gene :	TNF
Gene ID :	7124
Uniprot ID :	P01375
Alternative Name :	Cachectin, TNF-alpha, NTF
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