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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

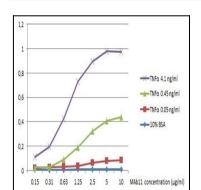


Figure 1: ELISA analysis of TNF alpha (0 - 4.1 ng/ml) using capture antibody MAb1 (5 μ g/ml) and biotinylated detection antibody MAb11 (0.15 - 10 μ g/ml)