

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

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| 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

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|----------------------------|---|
| 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

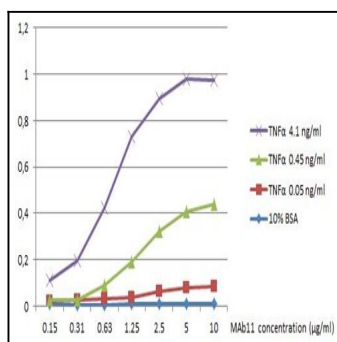


Figure 1: ELISA analysis of TNF alpha (0 - 4.1 ng/ml) using capture antibody MAB1 (5 µg/ml) and biotinylated detection antibody MAB11 (0.15 - 10 µg/ml).