
Anti-Human TNF alpha Functional Grade Purified

Catalog Number: 16-7348

Also Known As: Tumor Necrosis Factor alpha, TNFa TNF-a

RUO: For Research Use Only

Product Information

Contents: Anti-Human TNF alpha Functional Grade Purified

REF **Catalog Number:** 16-7348

Clone: MAb1

Concentration: 1 mg/ml

Host/Isotype: Mouse IgG1, κ


Handling Conditions: Use in sterile environment.

Endotoxin Level: Less than 0.001 ng/ μ g antibody, as determined by the LAL assay.

Formulation: aqueous buffer, no sodium azide

 **Temperature Limitation:** Store at 2-8°C.

LOT **Batch Code:** Refer to Vial

 **Use By:** Refer to Vial

Description

The MAb1 antibody reacts with human tumor necrosis factor-alpha (TNF- α), a 17 kDa cytokine produced by monocytes, macrophages, neutrophils, NK cells and CD4⁺ T cells. TNF- α has cytolytic activity against a range of tumor cells and is important in immune regulation. TNF- α forms dimers and trimers and also exists as a 26 kDa membrane bound form.

Applications Reported

The Mab1 antibody has been reported for use in ELISA, ELISPOT, intracellular staining and neutralization.

Applications Tested

The MAb1 antibody has been tested for neutralizing TNF- α binding and biological activity.

References

Danis, V. A., G. M. Franic, et al. (1991). "Effects of granulocyte-macrophage colony-stimulating factor (GM-CSF), IL-2, interferon-gamma (IFN-gamma), tumour necrosis factor-alpha (TNF-alpha) and IL-6 on the production of immunoreactive IL-1 and TNF-alpha by human monocytes." *Clin Exp Immunol* 85(1): 143-50.

Rathjen, D. A., K. Cowan, et al. (1991). "Antigenic structure of human tumour necrosis factor: recognition of distinct regions of TNF alpha by different tumour cell receptors." *Mol Immunol* 28(1-2): 79-86.

Related Products

13-7349 Anti-Human TNF alpha Biotin (MAb11)

14-8329 Human TNF alpha Recombinant Protein

16-4714 Mouse IgG1 K Isotype Control Functional Grade Purified

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