

Anti-Mouse Tumor Necrosis Factor-alpha (TNF- α) clone MP6-XT3, Monoclonal antibody, azide free

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| Catalog No: | CMT108 |
| Size: | 500 μ g |
| Concentration: | 0.5 mg/0.5 mL |
| Clone Number: | MP6-XT3 |
| Isotype: | Rat IgG ₁ |
| Formulation: | Purified immunoglobulin in phosphate buffered saline, pH 7.2. Preservative free. 0.22 micron sterile filtered. |
| Purification: | Purified from ascites by Protein A/G affinity chromatography. |
| Purity: | >95% as determined by SDS-PAGE analysis. |
| Specificity: | Recognizes natural and recombinant TNF-alpha. |
| Applications: | This antibody is suitable for use in ELISA format as a coating antibody and in neutralization studies. |
| Recommended Dilutions: | Centrifuge vial briefly before opening to bring contents to bottom of vial. Immediately prior to use as a coating antibody in ELISA, dilute this preparation to a final concentration of 1-5 μ g/mL, and coat each well of a microtiter plate with 100 μ L. A general ELISA procedure is available upon request. The optimal antibody concentration should be determined for each specific application. |
| Storage: | Store at -20°C. Further dilutions should be made with endotoxin-free medium or buffered solution with carrier protein, such as RPMI 1640 with 10% fetal calf serum. |
| References: | <ol style="list-style-type: none">1) Abrams, J.S., M.G. Roncarolo, H. Yssel, U. Andersson, G.J. Gleich, and J.E. Silver (1992) Strategies of anti-cytokine monoclonal antibody development: immunoassay of IL-10 and IL-5 in clinical samples. <i>Immunological Review</i> 127:5-24.2) Huang, X., S.A. McClellan, R.P. Barrett, and L.D. Hazlett (2002) IL-18 contributes to host resistance against infection with <i>Pseudomonas aeruginosa</i> through induction of IFN-gamma production. <i>J. Immunol.</i> 168(11):5756-5763 (cites the use of this antibody in neutralization studies). |

NOT FOR HUMAN USE. FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES.



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