



Rat (monoclonal) Anti-Mouse Tumor Necrosis Factor α (TNF- α) Unconjugated, azide free

PRODUCT ANALYSIS SHEET

Catalog Number:	AMC3812
Lot Number:	See product label
Quantity/Volume:	0.5 mg/0.5 mL
Clone Number:	MP6-XT3
Isotype:	Rat IgG1
Form of Antibody:	Purified immunoglobulin in phosphate buffered saline, pH 7.2.
Preservation:	None, 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- α .
Applications:	This antibody is suitable for use in ELISA format as a coating antibody and in neutralization studies.
Suggested Working Dilutions:	Immediately prior to use as a coating antibody in ELISA, dilute this preparation to a final concentration of 1-5 $\mu\text{g/mL}$, and coat each well of a microtiter plate with 100 μL . 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:	<p>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.</p> <p>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).</p>

This product is for research use only. Not for use in diagnostic procedures.

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Invitrogen Corporation • 542 Flynn Rd • Camarillo • CA 93012 • Tel: 800.955.6288 • E-mail: techsupport@invitrogen.com

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