



**Mouse (monoclonal)
Anti-Human
Tumor Necrosis Factor- α**

PRODUCT ANALYSIS SHEET

Catalog Number:	AHC3712
Lot Number:	See product label
Quantity/Volume:	0.5 mg/0.5 mL (a mixture of two monoclonal antibodies provided at a total concentration of 1.0 mg/mL).
Form of the Antibody:	A mixture of two purified monoclonal antibodies in phosphate buffered saline, pH 7.5, with 0.05% sodium azide (Caution: sodium azide is a poisonous and hazardous substance. Handle with care and dispose of properly.)
Clone Numbers:	68B2B3 and 68B6A3
Isotype:	IgG2a and IgG1
Purification:	Purified by Protein A affinity chromatography.
Immunogen:	Purified recombinant human TNF- α .
Myeloma/Fusion Partners:	BALB/c splenocytes were fused with NSO mouse myeloma cells.
Applications:	Suitable for use in ELISA as a capture antibody. Intended for use with BioSource detection antibody AHC3419.
Specificity:	Recognizes natural and recombinant soluble human TNF- α .
Dilutions:	Immediately prior to use, dilute this preparation to a concentration of 1 - 5 μ g/mL in an appropriate coating buffer, and coat each well with 100 μ L. The optimal antibody concentration should be determined for each specific application. A general ELISA procedure is available upon request. Alternatively, the antibody may be diluted in a buffered solution with carrier protein, such as PBS with 1% BSA.
Storage:	Store at 2-8°C. For maximal stability, apportion into working aliquots and store at 2-8°C.
References:	<p>Braun, M.C., J. He, C.-Y. Wu, and B.L. Kelsall (1999) Cholera toxin suppresses interleukin (IL)-12 production and IL-12 receptor β1 and β2 chain expression. J. Exp. Med. 189:541-552.</p> <p>Gee, K., W. Lim, W. Ma, D. Nandan, F. Diaz-Mitoma, M. Kozlowski, and A. Kumar (2002) Differential regulation of CD44 expression by lipopolysaccharide (LPS) and TNF-alpha in human monocytic cells: Distinct involvement of c-Jun N-terminal kinase in LPS-induced CD44 expression. J. Immunol. 169(10):5660-5672.</p>

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

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