



Mouse (monoclonal) Anti-Human Tumor Necrosis Factor- α Biotin Conjugated Detection Antibody

PRODUCT ANALYSIS SHEET

Catalog Number:	AHC3419
Lot:	See product label
Clone:	68B 3C5
Quantity/Volume	0.1 mg/0.2 mL
Form of the Antibody:	Biotin conjugated purified immunoglobulin in phosphate buffered saline, pH 7.5, with 0.5% BSA and 0.05% sodium azide (Caution: sodium azide is a poisonous and hazardous substance. Handle with care and dispose of properly.)
Purification:	Purified by Protein A affinity chromatography.
Immunogen:	Purified recombinant human TNF- α .
Isotype:	IgG1
Myeloma/ Fusion Partners:	BALB/c splenocytes fused with NSO mouse myeloma cells.
Specificity:	Recognizes natural and recombinant human TNF- α .
Application:	ELISA as a detection antibody.
Dilution Recommendations:	Just prior to use, dilute this preparation to a concentration of 0.4-1.0 μ g/mL in a buffer appropriate for ELISA, and pipette 50 μ L into each well of a microtiter plate. A suitable buffer is phosphate buffered saline supplemented with 0.1-1.0% BSA. A preservative such as 0.05% sodium azide may also be included. The optimal concentration should be determined for each specific application. A general ELISA procedure is available upon request.
Storage:	Store at 2-8°C.
Expiration:	See Product Label
References:	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. 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-α in human monocytic cells: Distinct involvement of c-Jun N-terminal kinase in LPS-induced CD44 expression. J. Immunol. 169(10):5660-5672.

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Symbol	Description	Symbol	Description
	Catalogue Number		Batch code
	Research Use Only		<i>In vitro</i> diagnostic medical device
	Use by		Temperature limitation
	Manufacturer		European Community authorised representative
	Without, does not contain		With, contains
	Protect from light		Consult accompanying documents
	Directs the user to consult instructions for use (IFU), accompanying the product.		

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