



# Mouse (monoclonal) Anti-Human Interleukin-6 Capture Antibody

## PRODUCT ANALYSIS SHEET

<b>Catalog Number:</b>	AHC0562
<b>Lot:</b>	See product label
<b>Exp. Date:</b>	See product label
<b>Clone:</b>	677B 6A2
<b>Quantity/Volume:</b>	0.5 mg/0.5 mL
<b>Form of the Antibody:</b>	Purified immunoglobulin 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.).
<b>Purification:</b>	Purified by Protein A affinity chromatography.
<b>Immunogen:</b>	Recombinant human IL-6.
<b>Myeloma/Fusion Partners:</b>	BALB/c splenocytes were fused with NSO mouse myeloma cells.
<b>Isotype:</b>	IgG1 kappa
<b>Specificity:</b>	Recognizes natural and recombinant human IL-6.
<b>Application:</b>	ELISA as a capture antibody. Intended for use with Invitrogen detection antibody AHC0469.
<b>Recommended Dilution:</b>	Immediately prior to use, dilute this preparation to a concentration of 1-5 µg/mL in an appropriate buffer, and coat each well with 100 µL. A general ELISA procedure is available upon request. Alternatively, this antibody may be diluted in buffered solution with carrier protein, such as PBS with 1% BSA. The optimal concentration should be determined for each specific application.
<b>Storage:</b>	Store at 2-8°C.
<b>References:</b>	<p>Nixon, C.S., M.J. Steffen, and J.L. Ebersole (2000) Cytokine responses to <i>Treponema pectinovorum</i> and <i>Treponema denticola</i> in human gingival fibroblasts. <i>Infection and Immunity</i> 68(9):5284-5292 (cites the use of this antibody in ELISA).</p> <p>Kesavalu, L., C.W. Falk, K.J. Davis, M.J. Steffen, X.P. Xu, S.C. Holt, and J.L. Ebersole (2002) Biological characterization of lipopolysaccharide from <i>Treponema pectinovorum</i>. <i>Infection and Immunity</i> 70(1):211-217.</p> <p>Bouchard, L., R. de Medicis, A. Lussier, P.H. Naccache, and P.E. Poubelle (2002) Inflammatory microcrystals alter the functional phenotype of human osteoblast-like cells in vitro: Synergism with IL-1 to overexpress cyclooxygenase-2. <i>J. Immunol.</i> 168(10):5310-5317.</p>

**For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.**














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Explanation of symbols			
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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