



# Mouse (monoclonal) Anti-Human Interleukin-4 (IL-4) Unconjugated PRODUCT ANALYSIS SHEET

<b>Catalog Number:</b>	AHC0642
<b>Lot Number:</b>	See product label
<b>Expiration Date:</b>	See product label
<b>Quantity/Volume:</b>	0.5 mg/0.5 mL
<b>Clone Number:</b>	860A 4B3 (also known as clone 4B3)
<b>Isotype:</b>	IgG1 kappa
<b>Form of Antibody:</b>	Purified immunoglobulin in phosphate buffered saline, pH 7.5.
<b>Preservation:</b>	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-4.
<b>Myeloma/Fusion Partners:</b>	BALB/c splenocytes were fused with NSO mouse myeloma cells.
<b>Specificity:</b>	Recognizes natural and recombinant human IL-4.
<b>Applications:</b>	This antibody is suitable for use in ELISA. In ELISA, we recommend this product be used as the capture antibody with AHC0749 (Mouse [monoclonal] Anti-Human IL-4 Biotin Conjugate) as the detection antibody.
<b>Suggested Working Dilutions:</b>	Immediately prior to use in ELISA as a capture antibody, dilute this preparation to a concentration of 1-5 µg/mL in an appropriate coating buffer, and coat each well with 100 µL. A general ELISA procedure is available upon request. For flow cytometry, 0.5-0.25 µg/10 <sup>6</sup> cells detects intracellular IL-4 upregulated by PMA and calcium ionophore. For other applications, this antibody may be diluted in buffered solution with carrier protein, such as PBS with 1% BSA. The optimal antibody concentration should be determined for each specific application.
<b>Storage:</b>	Store at 2-8°C.

Explanation of symbols

Symbol	Description	Symbol	Description
	Catalogue Number		Batch code
	Research Use Only		In vitro 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.		

**For Research Use Only. CAUTION: Not for human or animal therapeutic or diagnostic use.**

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