



# Rat (monoclonal) Anti-Mouse Interleukin 4 (IL-4) Unconjugated

## PRODUCT ANALYSIS SHEET

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<b>Catalog Number:</b>	AMC0044
<b>Lot Number:</b>	See product label
<b>Quantity/Volume:</b>	0.5 mg/0.5 mL
<b>Clone Number:</b>	BVD4-1D11
<b>Isotype:</b>	IgG2b
<b>Form of Antibody:</b>	Purified immunoglobulin in phosphate buffered saline, pH 7.2.
<b>Preservation:</b>	0.1% sodium azide (Caution: sodium azide is a poisonous and hazardous substance. Handle with care and dispose of properly.).
<b>Purification:</b>	Purified from ascites by Protein G affinity chromatography.
<b>Purity:</b>	> 95% as determined by SDS-PAGE analysis.
<b>Immunogen:</b>	Recombinant mouse IL-4.
<b>Myeloma/Fusion Partners:</b>	Rat spleen cells fused with P3X63-AG8.653 myeloma.
<b>Specificity:</b>	Recognizes natural and recombinant mouse IL-4.
<b>Applications:</b>	ELISA as a coating antibody. A general ELISA procedure is available upon request.
<b>Suggested Working Dilutions:</b>	The optimal antibody concentration should be determined for each specific application.
<b>Storage:</b>	Store at 2-8°C for up to one month. For long term storage, aliquot into small volumes and store at -20°C. Avoid repeated freeze-thaw cycles to prevent denaturing the antibody.
<b>Reference:</b>	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. Immunological Review 127:5-24.

**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](mailto:techsupport@invitrogen.com)

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