



**ORIENTAL YEAST CO.,LTD.**

**BIOINDUSTRY DIVISION**

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## Certificate of Analysis

<b>Product name</b>	<b>Mar IL-4-mAb</b> (Anti-marmoset IL-4 mouse monoclonal antibody)
<b>Catalog number</b>	<b>47328000 (100µg)</b>
<b>Lot number</b>	<b>95911501</b>
<b>IgG subclass</b>	<b>IgG<sub>2a</sub></b>
<b>Antigen</b>	<b>Recombinant Marmoset IL-4 expressed by CHO</b>
<b>Expiration Date</b>	<b>Two years from date of assay</b>
<b>Storage</b>	<b>Below -70°C</b>

<b>Test</b>	<b>Specification</b>	<b>Result</b>	<b>Pass/Fail</b>
Appearance	Essentially colorless and free of particulates	Meet Specification	Pass
Concentration	0.8~1.2 mg/mL ( $E_{280nm,1cm}^{1\%} = 14.5$ )	1.1 mg/mL	Pass
Purity	≥95% by SDS-PAGE analysis	≥95 %	Pass
Specificity (FACS)	React with recombinant Marmoset IL-4 expressed by CHO cells	Meet Specification	Pass

Processing: Affinity purified (Protein G)

Buffer: Phosphate buffered saline (PBS) pH 7.4

Date of assay: February 12, 2025

M. Shomae

Approved by: Y. Atsugi

*for laboratory use only*