

**RABBIT ANTI-MOUSE INTERLEUKIN-4 (IL-4)  
AFFINITY PURIFIED  
POLYCLONAL ANTIBODY**

<b>CATALOG NUMBER:</b>	AB1451P
<b>LOT NUMBER:</b>	xxxxx
<b>QUANTITY:</b>	50 µg
<b>SPECIFICITY:</b>	Reacts with mouse IL-4. Reactivity with other species has not been evaluated.
<b>IMMUNOGEN:</b>	Recombinant mouse IL-4
<b>APPLICATIONS:</b>	<p><u>Western blot:</u> A concentration of 0.1-0.2 µg/mL of AB1451P is required to detect 1.5-3.0 ng/lane of mouse IL-4, under either reducing or non-reducing conditions.</p> <p><u>ELISA:</u> A concentration of ≥ 0.5 µg/mL (100 µL/well) of AB1451P is required to detect 0.2 - 0.4 ng/well of recombinant mouse IL-4.</p> <p><u>Neutralization:</u> To yield on-half maximal inhibition [ND<sub>50</sub>] of the biological activity of mouse IL-4 (7.5 ng/mL), a concentration of 0.25-0.40 µg/mL of AB1451P is required. Optimal working dilutions must be determined by the end user.</p>
<b>FORMAT:</b>	Affinity purified immunoglobulin.
<b>PRESENTATION:</b>	Lyophilized from PBS, pH 7.2, no preservatives. Reconstitute to a concentration of 0.1 - 1.0 mg/mL with sterile distilled water.
<b>STORAGE/HANDLING:</b>	Maintain lyophilized material desiccated below 0°C. After reconstitution maintain at 2-8°C in undiluted aliquots for up to 6 weeks.

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