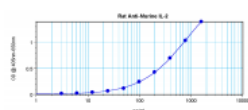


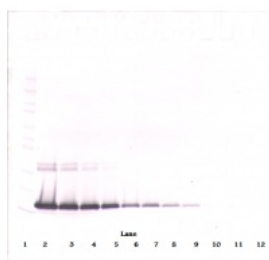


## IL-2 Antibody [5B9-2-1]

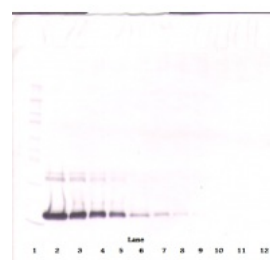
CATALOG NUMBER: 38-299



To a sandwich ELISA (assuming 100µl/well), a concentration of 4.0-8.0 ug/ml of this antibody will detect at least 32 pg/ml of recombinant murine IL-2 when used with ProSci's biotinylated antigen affinity purified anti-murine IL-2 (XP-5183Bt) as the detection antibody at a concentration of at least 1.0-2.0 ug/ml.



To detect mIL-2 by Western Blot analysis this antibody can be used at a concentration of 2.0-4.0 ug/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant mIL-2 is 1.0-2.0 ng/lane, under reducing conditions and 0.2-0.4 ng/lane, under non-reducing conditions.



To detect mIL-2 by Western Blot analysis this antibody can be used at a concentration of 2.0-4.0 ug/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant mIL-2 is 1.0-2.0 ng/lane, under reducing conditions and 0.2-0.4 ng/lane, under non-reducing conditions.

### Specifications

<b>SPECIES REACTIVITY:</b>	Mouse
<b>TESTED APPLICATIONS:</b>	ELISA, Neut, WB
<b>APPLICATIONS:</b>	<p><b>ELISA:</b></p> <p><b>Sandwich:</b></p> <p>In a sandwich ELISA (assuming 100uL/well), a concentration of 4.0-8.0 ug/mL of this antibody will detect at least 32 pg/mL of recombinant murine IL-2 when used with ProSci's Polyclonal biotinylated antigen affinity purified anti-murine IL-2 (XP-5183Bt) as the detection antibody at a concentration of at least 1.0-2.0 ug/mL.</p> <p><b>Western Blot:</b></p> <p>To detect mIL-2 by Western Blot analysis this antibody can be used at a concentration of 2.0-4.0 ug/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant mIL-2 is 1.0-2.0 ng/lane, under reducing conditions and 0.2-0.4 ng/lane, under non-reducing conditions.</p> <p><b>Neutralization:</b></p> <p>To yield one-half maximal inhibition [ND50] of the biological activity of mIL-2 (1.0 ng/mL), a concentration of 10.0-14.0 ug/mL of this antibody is required.</p>
<b>USER NOTE:</b>	Centrifuge vial prior to opening.
<b>IMMUNOGEN:</b>	E.coli derived Recombinant Murine IL-2
<b>HOST SPECIES:</b>	Rat

### Properties

<b>PURIFICATION:</b>	This IgG2Ak antibody was purified from cell culture by Protein A affinity chromatography.
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<b>PHYSICAL STATE:</b>	Lyophilized
<b>STORAGE CONDITIONS:</b>	The lyophilized antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-80°C. Frozen aliquots are stable for at least 6 months when stored at -20°C. Avoid repeated freeze-thaw cycles.
<b>CLONALITY:</b>	Monoclonal
<b>CONJUGATE:</b>	Unconjugated

#### Additional Info

<b>ALTERNATE NAMES:</b>	Interleukin 2Interleukin-2, T-cell growth factor, IL-2, TCGF, lymphokine
<b>ACCESSION NO.:</b>	P60568
<b>PROTEIN GI NO.:</b>	45593462
<b>OFFICIAL SYMBOL:</b>	IL2
<b>GENE ID:</b>	3558

#### Background

FOR RESEARCH USE ONLY

December 13, 2016