

## Datasheet: AAM35B

<b>Description:</b>	RABBIT ANTI MOUSE INTERLEUKIN-2:Biotin
<b>Specificity:</b>	IL-2
<b>Format:</b>	Biotin
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	50 µg

## Product Details

**RRID** AB\_2264652

**Applications** This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			0.25 - 1.0ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 0.2ug/ml

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using the appropriate negative/positive controls.

**Target Species** Mouse

**Product Form** Purified IgG conjugated to Biotin - lyophilised

**Reconstitution** Reconstitute with 0.5 ml sterile PBS containing 0.1% bovine serum albumin. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution. For long term storage the addition of 0.09% sodium azide is recommended.

**Antiserum Preparation** Antisera to mouse IL-2 were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

**Buffer Solution** Phosphate buffered saline

**Preservative Stabilisers** None present

**Approx. Protein Concentrations** IgG concentration 0.1mg/ml after reconstitution

<b>Immunogen</b>	<a href="#">Recombinant mouse IL-2</a> (PMP38)
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P04351</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">16183</a>   IL2   <a href="#">Related reagents</a></p>
<b>Synonyms</b>	IL-2
<b>Specificity</b>	<p><b>Rabbit anti Mouse Interleukin-2 antibody</b> recognizes mouse Interleukin-2 (IL-2), a potent lymphoid cell growth factor which primarily acts on T lymphocytes, in response to antigenic or mitogenic stimulation.</p> <p>IL-2 stimulates the growth/differentiation of monocytes, macrophages, B lymphocytes, NK cells, and lymphokine activated killer cells which are used in experimental cancer therapy.</p>
<b>ELISA</b>	AAM35B may be used in a direct ELISA or as a detection antibody in a sandwich ELISA with <a href="#">AAM35</a> as the capture reagent and <a href="#">PMP38</a> as the standard.
<b>References</b>	1. Smith, K.A. (1998) Interleukin-2: inception, impact, and implications. <a href="#">Science, 240: 1169-1176.</a>
<b>Storage</b>	<p>Prior to reconstitution store at +4°C. Following reconstitution store at -20°C.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	12 months from date of reconstitution.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10162 available at: 10162: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf</a>
<b>Regulatory</b>	For research purposes only

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