

## 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

### 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.

<b>Target Species</b>	Mouse
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<b>Product Form</b>	Purified IgG conjugated to Biotin - lyophilized
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<b>Reconstitution</b>	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.
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<b>Antiserum Preparation</b>	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.
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<b>Buffer Solution</b>	Phosphate buffered saline
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<b>Preservative</b>	None present
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**Stabilisers**

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**Carrier Free** Yes

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

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**Immunogen** [Recombinant mouse IL-2](#) (PMP38)

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**External Database Links****UniProt:**  
[P04351](#)    [Related reagents](#)**Entrez Gene:**  
[16183](#)    IL2    [Related reagents](#)

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**Synonyms** IL-2

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**RRID** AB\_2264652

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**Specificity** **Rabbit anti Mouse Interleukin-2 antibody** 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.

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.

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**ELISA** AAM35B may be used in a direct ELISA or as a detection antibody in a sandwich ELISA with [AAM35](#) as the capture reagent and [PMP38](#) as the standard.

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**References** 1. Smith, K.A. (1998) Interleukin-2: inception, impact, and implications. [Science. 240: 1169-1176.](#)

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**Storage** Prior to reconstitution store at -20°C.  
After reconstitution store at -20°C.

This product should be stored undiluted. 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.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10294 available at:  
10294: <https://www.bio-rad-antibodies.com/uploads/MSDS/10294.pdf>

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**Regulatory** For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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