

Datasheet: AAM35

BATCH NUMBER 155357

Description:	RABBIT ANTI MOUSE INTERLEUKIN-2
Specificity:	IL-2
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

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.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			0.5 - 2.0ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 0.2ug/ml
Functional Assays	▪			0.04 - 0.05ug/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 - lyophilised

Reconstitution

Reconstitute with 0.1 ml distilled water

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.

N.B. For functional studies do not add sodium azide

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
Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml after reconstitution
Immunogen	Recombinant mouse IL-2 (PMP38)
External Database Links	<p>UniProt: P04351 Related reagents</p> <p>Entrez Gene: 16183 IL2 Related reagents</p>
Synonyms	IL-2
RRID	AB_324469
Specificity	<p>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.</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>
ELISA	AAM35 may be used in an indirect ELISA or as a capture antibody in a sandwich ELISA with AAM35B as the detection reagent and PMP38 as the standard.
References	1. Smith, K.A. (1998) Interleukin-2: inception, impact, and implications. Science. 240: 1169-1176.
Storage	<p>Prior to reconstitution store at -20°C. After reconstitution store at -20°C.</p> <p>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.</p>
Guarantee	6 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10162 available at: https://www.bio-rad-antibodies.com/SDS/AAM35 10162

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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