

Datasheet: AAM34B

BATCH NUMBER 080711

Description:	RABBIT ANTI MOUSE INTERLEUKIN-13:Biotin
Specificity:	IL-13
Format:	Biotin
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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 0.5ml 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. N.B. For long term storage the addition of 0.09% sodium azide is recommended.

Antiserum Preparation

Antisera to mouse IL-13 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 0.1 mg/ml after reconstitution
Immunogen	Recombinant mouse IL-13.
External Database Links	<p>UniProt: P20109 Related reagents</p> <p>Entrez Gene: 16163 IL13 Related reagents</p>
Synonyms	IL-13
RRID	AB_2124054
Specificity	<p>Rabbit anti Mouse Interleukin-13 antibody recognizes mouse Interleukin-13 (IL-13), a 12.3kDa immunoregulatory cytokine produced primarily by activated T helper type 2 (Th2) cells and also by mast cells and NK cells.</p> <p>The biological properties of IL-13 include stimulation of B cell proliferation and antibody production and studies suggest that IL-13 plays an important role in the induction of the pathophysiological features of allergic asthma, independently of Immunoglobulin E and eosinophils (Wills-Karp et al. 1998).</p>
ELISA	AAM34B may be used in a direct ELISA or as the detection reagent in a sandwich ELISA with AAM34 as the capture antibody.
References	1. Wills-karp, M. <i>et al.</i> (1998) Interleukin-13: central mediator of allergic asthma. Science. 282 (5397): 2258-61.
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	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10162 available at: https://www.bio-rad-antibodies.com/SDS/AAM34B 10162</p>

Related Products

Recommended Useful Reagents

[RABBIT ANTI MOUSE INTERLEUKIN-13 \(AAM34\)](#)

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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

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