

Datasheet: AAM33B

BATCH NUMBER 131015

Description:	GOAT ANTI MOUSE INTERLEUKIN-12:Biotin
Specificity:	IL-12
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
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.
Antiserum Preparation	Antisera to mouse IL-12 were raised by repeated immunisations of goats 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 0.1mg/ml after reconstitution.
Immunogen	Recombinant mouse IL-12.
External Database Links	<p>UniProt:</p> <p>P43432 Related reagents</p> <p>P43431 Related reagents</p> <p>Entrez Gene:</p> <p>16160 IL12b Related reagents</p> <p>16159 IL12a Related reagents</p>
RRID	AB_324598
Specificity	<p>Goat anti Mouse Interleukin-12 antibody recognizes mouse interleukin-12 (IL-12).</p> <p>Interleukin-12 is produced by activated B lymphocytes and macrophages. The properties of IL-12 include the stimulation of growth of activated T lymphocytes and the development of TH1 CD4 +ve cells and CD8 +ve cytotoxic T cells.</p> <p>Goat anti Mouse Interleukin-12 antibody neutralizes murine IL-12 activity with an ND₅₀ for mIL-12 (2ngml⁻¹ of between 0.002 and 0.002µg ml⁻¹).</p>
ELISA	This biotinylated mouse IL-12 antibody may be used in a direct ELISA or as the detection reagent in a sandwich ELISA with a purified mouse IL-12 antibody (AAM33) as the capture reagent.
Western Blotting	This biotinylated mouse IL-12 antibody may be used in Western Blotting application under either reducing or non-reducing conditions.
Storage	<p>Prior to reconstitution store at -20°C.</p> <p>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	Material Safety Datasheet documentation #10162 available at: https://www.bio-rad-antibodies.com/SDS/AAM33B 10162
Regulatory	For research purposes only

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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