

## Datasheet: AAM33B

**BATCH NUMBER 151211**

<b>Description:</b>	GOAT ANTI MOUSE INTERLEUKIN-12:Biotin
<b>Specificity:</b>	IL-12
<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
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
<b>Product Form</b>	Purified IgG conjugated to Biotin - lyophilised
<b>Reconstitution</b>	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.
<b>Antiserum Preparation</b>	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.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	None present

<b>Carrier Free</b>	Yes
<b>Approx. Protein Concentrations</b>	IgG concentration 0.1mg/ml after reconstitution.
<b>Immunogen</b>	Recombinant mouse IL-12.
<b>External Database Links</b>	<p><b>UniProt:</b></p> <p><a href="#">P43432</a>      <a href="#">Related reagents</a></p> <p><a href="#">P43431</a>      <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b></p> <p><a href="#">16160</a>    IL12b    <a href="#">Related reagents</a></p> <p><a href="#">16159</a>    IL12a    <a href="#">Related reagents</a></p>
<b>RRID</b>	AB_324598
<b>Specificity</b>	<p><b>Goat anti Mouse Interleukin-12 antibody</b> 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 ND<sub>50</sub> for mL-12 (2ngml<sup>-1</sup> of between 0.002 and 0.002µg ml<sup>-1</sup>.</p>
<b>ELISA</b>	This biotinylated mouse IL-12 antibody may be used in a direct ELISA or as the detection reagent in a sandwich ELISA with a <a href="#">purified mouse IL-12 antibody</a> (AAM33) as the capture reagent.
<b>Western Blotting</b>	This biotinylated mouse IL-12 antibody may be used in Western Blotting application under either reducing or non-reducing conditions.
<b>Storage</b>	<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>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10162 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AAM33B">https://www.bio-rad-antibodies.com/SDS/AAM33B</a></p> <p>10162</p>
<b>Regulatory</b>	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](https://bio-rad-antibodies.com/datasheets)

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