

## Datasheet: AAM33

<b>Description:</b>	GOAT ANTI MOUSE INTERLEUKIN-12
<b>Specificity:</b>	IL-12
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			0.5 - 2.0 ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 0.2 ug/ml
Functional Assays	▪			2.0 - 3.0 ng/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 - lyophilized

**Reconstitution** Reconstitute with 0.1ml 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-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

<b>Preservative Stabilisers</b>	None present
<b>Carrier Free</b>	Yes
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<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_323697
<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 purified mouse IL-12 antibody may be used in an indirect ELISA or as the capture reagent in a sandwich ELISA with a <a href="#">biotinylated mouse IL-12 antibody</a> (AAM33B) as the detection reagent.
<b>Western Blotting</b>	This purified mouse IL-12 antibody may be used in Western Blotting applications 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>	Material Safety Datasheet documentation #10294 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AAM33">https://www.bio-rad-antibodies.com/SDS/AAM33</a>

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

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Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

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Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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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