

Datasheet: AAM33

Description:	GOAT ANTI MOUSE INTERLEUKIN-12
Specificity:	IL-12
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 - 2.0 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 - lyophilised
Reconstitution	<p>Reconstitute with 0.1ml distilled water</p> <p>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.</p> <p>N.B. For functional studies do not add sodium azide</p>
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
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml

Immunogen	Recombinant mouse IL-12 (PMP40)
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>
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 purified mouse IL-12 antibody may be used in an indirect ELISA or as the capture reagent in a sandwich ELISA with a biotinylated mouse IL-12 antibody (AAM33B) as the detection reagent and recombinant mouse IL-12 (PMP40) as the standard.
Western Blotting	This purified mouse IL-12 antibody may used in Western Blotting applications under either reducing or non-reducing conditions with recombinant mouse IL-12 (PMP40) as the positive control.
Storage	<p>Prior to reconstitution store at +4°C. Following reconstitution store at -20°C.</p> <p>This product should be stored undiluted.</p> <p>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>
Shelf Life	12 months from date of reconstitution.
Health And Safety Information	<p>Material Safety Datasheet documentation available at:</p> <p>Material Safety Datasheet Documentation #10162 available at:</p> <p>https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf</p>
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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