

## Datasheet: AAM32

<b>Description:</b>	RABBIT ANTI MOUSE INTERLEUKIN-10
<b>Specificity:</b>	IL-10
<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 - 2.0ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 0.2ug/ml
Functional Assays	▪			0.02 - 0.04ug/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 - lyophilized
<b>Reconstitution</b>	<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>
<b>Antiserum Preparation</b>	Antisera to mouse IL-10 were raised by repeated immunisations of rabbits 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 1.0mg/ml after reconstitution.
<b>Immunogen</b>	Recombinant mouse IL-10.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P18893</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">16153</a>    IL10    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	IL-10
<b>RRID</b>	AB_324032
<b>Specificity</b>	<p><b>Rabbit anti Mouse Interleukin-10 antibody</b> recognizes mouse Interleukin-10 (IL-10), an immunosuppressive cytokine originally isolated from T helper type 2 cells (Th2), which is also secreted by B lymphocytes, macrophages, monocytes and keratinocytes.</p> <p>IL-10 inhibits the synthesis of several cytokines including Tumour Necrosis Factor, Interferon-gamma and Interleukin-2 and -3, and has a wide range of biological properties, including inhibition of the macrophage and Th cell-mediated cytokine synthesis suppression of the delayed hypersensitivity response. IL-10 may initially be involved in the polarization of Th2 responses.</p>
<b>ELISA</b>	AAM32 may be used in an indirect ELISA with <a href="#">PMP21</a> as the standard.
<b>Western Blotting</b>	AAM32 may be used under either reducing or non-reducing Western blotting conditions with <a href="#">PMP21</a> as the positive control.
<b>References</b>	1. Ye, Q. <i>et al.</i> (2010) The relationship between collagen scaffold cross-linking agents and neutrophils in the foreign body reaction. <a href="#">Biomaterials. 31 (35): 9192-201.</a>
<b>Further Reading</b>	1. Barrat, F.J. <i>et al.</i> (2002) In vitro generation of interleukin 10-producing regulatory CD4(+) T cells is induced by immunosuppressive drugs and inhibited by T helper type 1 (Th1)- and Th2-inducing cytokines. <a href="#">J Exp Med. 195 (5): 603-16.</a>
<b>Storage</b>	<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>

<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/AAM32">https://www.bio-rad-antibodies.com/SDS/AAM32</a> 10294
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

### Recommended Positive Controls

[RECOMBINANT MOUSE INTERLEUKIN-10 \(PMP21\)](#)

### Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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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](https://www.bio-rad-antibodies.com/datasheets)  
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