

Datasheet: AAM32

Description:	RABBIT ANTI MOUSE INTERLEUKIN-10
Specificity:	IL-10
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 - 2.0ug/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.

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-10 were raised by repeated immunisations of rabbits 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 1.0mg/ml after reconstitution.
Immunogen	Recombinant mouse IL-10.
External Database Links	<p>UniProt: P18893 Related reagents</p> <p>Entrez Gene: 16153 IL10 Related reagents</p>
Synonyms	IL-10
RRID	AB_324032
Specificity	<p>Rabbit anti Mouse Interleukin-10 antibody 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>
ELISA	AAM32 may be used in an indirect ELISA with PMP21 as the standard.
Western Blotting	AAM32 may be used under either reducing or non-reducing Western blotting conditions with PMP21 as the positive control.
References	1. Ye, Q. <i>et al.</i> (2010) The relationship between collagen scaffold cross-linking agents and neutrophils in the foreign body reaction. Biomaterials. 31 (35): 9192-201.
Further Reading	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. J Exp Med. 195 (5): 603-16.
Storage	<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>

Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10162 available at: 10162: https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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
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