

Datasheet: AAM39

BATCH NUMBER 173843

Description:	RABBIT ANTI MOUSE IP-10
Specificity:	IP-10
Other names:	CXCL10
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	▪			0.5ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1ug/ml - 0.2ug/ml
Functional Assays	▪			0.5ug/ml - 0.9ug/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 IP-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 1.0 mg/ml after reconstitution
Immunogen	Recombinant mouse IP-10.
External Database Links	UniProt: P17515 Related reagents Entrez Gene: 15945 Cxcl10 Related reagents
Synonyms	Crg2, Ifi10, Inp10, Scyb10
RRID	AB_2230175
Specificity	Rabbit anti Mouse IP-10 antibody recognizes interferon gamma inducible protein (IP-10), also known as CXCL10. IP-10 is expressed in a variety of tissues including liver, gut, spleen, kidney and thymus, in response to interferon gamma. IP-10 acts as a chemoattractant for monocytes, NK cells and certain T-cells.
ELISA	Purified rabbit anti mouse IP-10 may be used in an indirect ELISA or as a capture reagent in a sandwich ELISA with our biotinylated anti mouse IP-10 antibody (AAM39B) as a detection reagent.
References	1. Zhou, J. <i>et al.</i> (2010) CXCR3-dependent accumulation and activation of perivascular macrophages is necessary for homeostatic arterial remodeling to hemodynamic stresses. J Exp Med. 207 (9): 1951-66.
Storage	This product is shipped at ambient temperature. Prior to reconstitution store at -20°C. After reconstitution store at -20°C. 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.
Guarantee	12 months from date of despatch

**Health And Safety
Information**

Material Safety Datasheet documentation #10294 available at:
<https://www.bio-rad-antibodies.com/SDS/AAM39>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Recommended Useful Reagents

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

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M438984:250523'

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