

Datasheet: AAM62B

Description:	RABBIT ANTI MOUSE MCP-2:Biotin
Specificity:	MCP-2
Other names:	CCL8
Format:	Biotin
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

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	▪			0.25 - 1.0ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 0.2ug/ml

Where this product 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 product for use in their own system using appropriate negative/positive controls.

Target Species	Mouse
Product Form	Purified IgG conjugated to Biotin - lyophilised
Reconstitution	Reconstitute with 0.5ml sterile PBS containing 0.1% bovine serum albumin 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.
Antiserum Preparation	Antiserum to mouse MCP-2 was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	IgG concentration 0.1mg/ml after reconstitution

Immunogen Recombinant mouse MCP-2

**External Database
Links**

UniProt:

[Q9Z121](#) [Related reagents](#)

Entrez Gene:

[20307](#) Ccl8 [Related reagents](#)

Synonyms

Mcp2, Scya8

Specificity

Rabbit anti Mouse MCP-2 antibody recognizes mouse MCP-2 (Monocyte Chemoattractant Protein 2), otherwise known as CCL8, a CC chemokine originally isolated from the human osteosarcoma cell line MG-63, which is expressed at highest levels in peripheral blood cells and the small intestine.

MCP-2 acts as a chemoattractant for monocytes, lymphocytes, eosinophils and basophils, and signals through binding to the common MCP receptor, chemokine (C-C motif) receptor 2 (CCR2), and also CCR1 and CCR3. Proteolytic cleavage of MCP-2 into the NH2-terminally truncated form, MCP-2 (6-76), results in the loss of chemotactic activity, forming a functional CC chemokine inhibitor, which may be important during inflammatory responses.

Storage

Prior to reconstitution store at +4°C.

After reconstitution store at -20°C.

Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

12 months from date of reconstitution.

**Health And Safety
Information**

Material Safety Datasheet Documentation #10162 available at:
<https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

STREPTAVIDIN (STAR119...) [APC](#)

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