

## Datasheet: AAM45B

<b>Description:</b>	RABBIT ANTI MOUSE MCP-5:Biotin
<b>Specificity:</b>	MCP-5
<b>Other names:</b>	CCL12
<b>Format:</b>	Biotin
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			0.25ug/ml - 1.0ug/ml
Western Blotting	▪			0.1ug/ml - 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.

<b>Target Species</b>	Mouse
<b>Product Form</b>	Purified IgG conjugated to Biotin - lyophilised
<b>Reconstitution</b>	Reconstitute with 1.0 ml 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.
<b>Antiserum Preparation</b>	Antisera to mouse MCP-5 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>Approx. Protein Concentrations</b>	IgG concentration 50 ug/ml
<b>Immunogen</b>	Recombinant mouse MCP-5.

**External Database  
Links**

**UniProt:**

[Q62401](#) [Related reagents](#)

**Entrez Gene:**

[20293](#) Ccl12 [Related reagents](#)

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**Synonyms**

Mcp5, Scya12

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**Specificity**

**Rabbit anti Mouse MCP-5 antibody** recognizes mouse monocyte chemotactic protein 5 (MCP-5), also known as CCL12.

MCP-5 is a member of the beta-chemokine family and is strongly chemotactic for monocytes and peritoneal macrophages.

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**Storage**

Prior to reconstitution store at +4°C. Following 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. The addition of 0.09% sodium azide is recommended for long term storage.

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**Shelf Life**

12 months from date of reconstitution.

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**Health And Safety  
Information**

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

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**Regulatory**

For research purposes only

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'M313596:180328'

**Printed on 28 Mar 2018**