

Datasheet: AHP2384B

**BATCH NUMBER 136876**

<b>Description:</b>	RABBIT ANTI PIG MCP-1:Biotin
<b>Specificity:</b>	MCP-1
<b>Other names:</b>	CCL2
<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	▪			0.01ug/ml - 0.5ug/ml
Immunoprecipitation			▪	
Western Blotting			▪	

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>	Pig
<b>Species Cross Reactivity</b>	<p>Reacts with: Horse, Dog, Bovine</p> <p>Does not react with: Rabbit</p> <p><b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
<b>Product Form</b>	Purified IgG conjugated to Biotin - liquid

**Antiserum Preparation** Antisera to pig MCP-1 were raised by repeated immunisation 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>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Recombinant pig MCP-1
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P42831</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b> <a href="#">397422</a> CCL2 <a href="#">Related reagents</a>
<b>Synonyms</b>	SCYA2
<b>Specificity</b>	<p><b>Rabbit anti Pig MCP-1 antibody</b> recognizes porcine monocyte chemotactic protein-1 (MCP-1), also known as C-C motif chemokine 2 (CCL2). Porcine MCP-1 is a 76 amino acid secreted protein belonging to the intercrine beta (chemokine CC) family.</p> <p>The chemokine MCP-1 is expressed by a range of cells including monocytes, vascular endothelial cells, smooth muscle cells, glomerular mesangial cells and osteoblasts.</p> <p>MCP-1 is thought to play an important role in the inflammatory response of blood monocytes and tissue macrophages.</p>
<b>ELISA</b>	This product may be used as a detection antibody in a sandwich ELISA together with <a href="#">AHP2384</a> as the capture reagent. Recombinant pig MCP-1 ( <a href="#">PPP016</a> ) may be used as a standard.
<b>Storage</b>	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP2384B">https://www.bio-rad-antibodies.com/SDS/AHP2384B</a> 10040
<b>Regulatory</b>	For research purposes only

**North & South America**   Tel: +1 800 265 7376  
Fax: +1 919 878 3751

**Worldwide**   Tel: +44 (0)1865 852 700  
Fax: +44 (0)1865 852 739

**Europe**   Tel: +49 (0) 89 8090 95 21  
Fax: +49 (0) 89 8090 95 50

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

'M334185:181127'

**Printed on 12 Aug 2023**