

Datasheet: AHP2367B

**BATCH NUMBER 154756**

<b>Description:</b>	GOAT ANTI BOVINE 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	▪			0.1 ug/ml - 1.5 ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			1.0 ug/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>	Bovine
<b>Product Form</b>	Purified IgG conjugated to Biotin - liquid
<b>Antiserum Preparation</b>	Antisera to bovine MCP-1 were raised by repeated immunisation of goats 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</b>	Total protein concentration 1.0 mg/ml

## Concentrations

---

**Immunogen** Recombinant bovine MCP-1

---

## External Database Links

**UniProt:**

[P28291](#)    [Related reagents](#)

**Entrez Gene:**

[281043](#)    CCL2    [Related reagents](#)

---

**Synonyms** SCYA2

---

**Specificity** **Goat anti Bovine MCP-1 antibody** recognizes bovine monocyte chemotactic protein-1 (MCP-1), also known as C-C motif chemokine 2 (CCL2). Bovine MCP-1 is a 99 amino acid, 11.1 kDa secreted protein.

The chemokine MCP-1 is expressed by a range of cells including monocytes, vascular endothelial cells, smooth muscle cells, glomerular mesangial cells and osteoblasts.

MCP-1 plays important roles in the inflammatory response and routine immune surveillance of blood monocytes and tissue macrophages ([Deshmane \*et al.\* 2009](#)).

---

**ELISA** This product may be used as a detection antibody in a sandwich ELISA together with [AHP2366](#) as the capture reagent. Recombinant bovine MCP-1 ([PBP024](#)) may be used as a standard.

---

**Storage** Store at +4°C. DO NOT FREEZE.  
This product should be stored undiluted. 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 #10040 available at: <https://www.bio-rad-antibodies.com/SDS/AHP2367B>  
10040

---

**Regulatory** For research purposes only

---

**North & South America** Tel: +1 800 265 7376

Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)  
'M372365:200702'

Printed on 20 Sep 2024

---