

Datasheet: AHP2367B

Description:	GOAT ANTI BOVINE MCP-1:Biotin
Specificity:	MCP-1
Other names:	CCL2
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	▪			0.1 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.

Target Species	Bovine
Product Form	Purified IgG conjugated to Biotin - liquid

Antiserum Preparation 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.

Buffer Solution Phosphate buffered saline

Preservative Stabilisers 0.09% Sodium Azide (NaN₃)

Approx. Protein Concentrations Total protein concentration 1.0 mg/ml

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: 10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory For research purposes only

Related Products

Recommended Useful Reagents

[RECOMBINANT BOVINE MCP-1 \(PBP024\)](#)

[RABBIT ANTI BOVINE MCP-1 \(AHP2366\)](#)

North & South America Tel: +1 800 265 7376

Fax: +1 919 878 3751

Email: 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

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: 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

'M372365:200702'

Printed on 22 Mar 2021

