

Datasheet: AHP2367B

BATCH NUMBER 151210

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 (NaN ₃) 0.2% Bovine Serum Albumin
Approx. Protein	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 #10041 available at: <https://www.bio-rad-antibodies.com/SDS/AHP2367B>
10041

Regulatory For research purposes only

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