

Datasheet: AHP2366

BATCH NUMBER 149035

Description:	RABBIT ANTI BOVINE MCP-1
Specificity:	MCP-1
Other names:	CCL2
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

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	▪			0.5 ug/ml - 10 ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1 ug/ml - 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
Species Cross Reactivity	<p>Reacts with: Horse, Pig</p> <p>N.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>
Product Form	Purified IgG - liquid
Antiserum Preparation	Antisera to bovine MCP-1 were raised by repeated immunisation of rabbits 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)
Approx. Protein Concentrations	IgG concentration 0.8 mg/ml
Immunogen	Recombinant bovine MCP-1
External Database Links	<p>UniProt: P28291 Related reagents</p> <p>Entrez Gene: 281043 CCL2 Related reagents</p>
Synonyms	SCYA2
Specificity	<p>Rabbit 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.</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>
ELISA	This product may be used as a capture antibody in a sandwich ELISA together with AHP2367B as the detection 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/AHP236610040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Recommended Useful Reagents

[GOAT ANTI BOVINE MCP-1:Biotin \(AHP2367B\)](#)

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

'M334152:181127'

Printed on 15 Jul 2024

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