

Datasheet: AHP2994B

Description:	GOAT ANTI RABBIT 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	■			0.01ug/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.

Target Species	Rabbit
Product Form	Purified IgG conjugated to Biotin - liquid
Antiserum Preparation	Antisera to rabbit 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)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Recombinant rabbit MCP-1
External Database Links	UniProt: P28292 Related reagents

Entrez Gene:[100009130](#) CCL2 [Related reagents](#)**Synonyms**

SCYA2

Specificity

Goat anti Rabbit MCP-1 antibody recognizes Rabbit (lapine) monocyte chemotactic protein-1 (MCP-1), also known as C-C motif chemokine 2 (CCL2). Rabbit MCP-1 is a 125 amino acid secreted protein belonging to the intercrine beta (chemokine CC) family.

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 is thought to play an important role in the inflammatory response of blood monocytes and tissue macrophages.

ELISA

This product may be used as a detection antibody in a sandwich ELISA together with [AHP2994](#) as the capture reagent. Recombinant rabbit MCP-1 ([PRABP008](#)) 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.

Shelf Life

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

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