

Datasheet: AHP2384

Description:	RABBIT ANTI PIG 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	▪			0.5ug/ml - 5ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1ug/ml - 2ug/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	Pig
Species Cross Reactivity	Reacts with: Horse, Dog, Bovine Does not react with: Rabbit N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Antiserum Preparation	Antisera to pig 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	TRIS buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml

Immunogen Recombinant pig MCP-1

External Database Links

UniProt:
[P42831](#) [Related reagents](#)

Entrez Gene:
[397422](#) CCL2 [Related reagents](#)

Synonyms SCYA2

Specificity **Rabbit anti Pig MCP-1 antibody** recognizes porcine monocyte chemotactic protein-1 (MCP-1), also known as C-C motif chemokine 2 (CCL2). Porcine MCP-1 is a 76 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 capture antibody in a sandwich ELISA together with [AHP2384B](#) as the detection reagent. Recombinant pig MCP-1 ([PPP016](#)) 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 #10057 available at:
10057: <https://www.bio-rad-antibodies.com/uploads/MSDS/10057.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@549](#), [DyLight@649](#),
[DyLight@680](#), [DyLight@800](#)

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

'M287044:160523'

