

Datasheet: PPP016

Description:	RECOMBINANT PIG MCP-1
Name:	MCP-1
Other names:	CCL2
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	5 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
ELISA	▪			
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	Pig
Product Form	Purified recombinant protein - lyophilized
Reconstitution	Reconstitute with 20 µl sterile PBS containing 0.1% carrier protein Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
Preparation	Recombinant protein expressed in <i>Pichia pastoris</i> and purified by ion-exchange chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	10% Trehalose
External Database Links	UniProt: P42831 Related reagents

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

Synonyms	SCYA2
-----------------	-------

Product Information	Recombinant Pig MCP-1 is an 8.6 kDa peptide corresponding to aa 24 – 99 of porcine monocyte chemotactic protein 1 (MCP-1). Also known as CCL2 , MCP-1 is a secreted chemokine involved in the recruitment of monocytes to sites of injury or inflammation. MCP-1 plays an important role in the inflammatory response of blood monocytes and tissue macrophages.
----------------------------	---

Protein Molecular Weight	8.6 kDa
---------------------------------	---------

Purity	>95% by SDS PAGE analysis
---------------	---------------------------

ELISA	Recombinant porcine MCP-1 may be used as a standard in a sandwich ELISA assay in conjunction with AHP2384 as a coating antibody and AHP2384B as a detection antibody.
--------------	---

Storage	Prior to reconstitution store at -20°C. After reconstitution store at -20°C. Storage in frost-free freezers is not recommended. This product should be stored undiluted.
----------------	--

Guarantee	12 months from date of despatch
------------------	---------------------------------

Health And Safety Information	Material Safety Datasheet documentation #10591 available at: 10591: https://www.bio-rad-antibodies.com/uploads/MSDS/10591.pdf
--------------------------------------	--

Regulatory	For research purposes only
-------------------	----------------------------

North & South Tel: +1 800 265 7376**America** Fax: +1 919 878 3751Email: 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](https://www.bio-rad-antibodies.com/datasheets)

'M379581:210330'

Printed on 30 Mar 2021