

## Datasheet: AHP785

**BATCH NUMBER 160511**

<b>Description:</b>	RABBIT ANTI HUMAN MCP-2
<b>Specificity:</b>	MCP-2
<b>Other names:</b>	CCL8
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			0.5ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 0.2ug/ml
Functional Assays	▪			12.0 - 16.0ug/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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - lyophilised
<b>Reconstitution</b>	Reconstitute with 0.1ml distilled water. For long term storage the addition of 0.09% sodium azide is recommended. NB: For functional studies do not add azide.
<b>Antiserum Preparation</b>	Antisera to human MCP-2 were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline

<b>Preservative Stabilisers</b>	None present
<b>Carrier Free</b>	Yes
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0mg/ml
<b>Immunogen</b>	Recombinant human MCP-2.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P80075</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">6355</a>    CCL8    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	MCP2, SCYA10, SCYA8
<b>RRID</b>	AB_808375
<b>Specificity</b>	<p><b>Rabbit anti Human MCP-2 antibody</b> recognizes human MCP-2 (Monocyte Chemoattractant Protein 2), otherwise known as CCL8, a 76 amino acid CC chemokine originally isolated from the human osteosarcoma cell line MG-63, which is expressed at highest levels in peripheral blood cells and the small intestine.</p> <p>MCP-2 acts as a chemoattractant for monocytes, lymphocytes, eosinophils and basophils, due to its ability to bind to the common MCP receptor, chemokine (C-C motif) receptor 2 (CCR2), and also CCR1 and CCR3. Proteolytic cleavage of MCP-2 into the NH2-Terminally truncated form, MCP-2 (6-76), results in the loss of chemotactic activity, forming a functional C-C chemokine inhibitor, which may be important during inflammatory responses.</p>
<b>Further Reading</b>	1. VanDamme, J. <i>et al.</i> (1992) Structural and functional identification of two human, tumor-derived monocyte chemotactic proteins (MCP-2 and MCP-3) belonging to the chemokine family. <a href="#">J Exp Med. 176 (1): 59-65.</a>
<b>Storage</b>	<p>Prior to reconstitution store at -20°C.  After reconstitution store at -20°C.</p> <p>This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10162 available at:  <a href="https://www.bio-rad-antibodies.com/SDS/AHP785">https://www.bio-rad-antibodies.com/SDS/AHP785</a>  10162</p>

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

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

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

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

### Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

**North & South** Tel: +1 800 265 7376

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