

Datasheet: AHP785

Description:	RABBIT ANTI HUMAN MCP-2
Specificity:	MCP-2
Other names:	CCL8
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
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.

Target Species	Human
Product Form	Purified IgG - lyophilised
Reconstitution	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.
Antiserum Preparation	Antisera to human MCP-2 were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	IgG concentration 1.0mg/ml

Immunogen	Recombinant human MCP-2.
External Database Links	UniProt: P80075 Related reagents Entrez Gene: 6355 CCL8 Related reagents
Synonyms	MCP2, SCYA10, SCYA8
Specificity	Rabbit anti Human MCP-2 antibody 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. 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.
Further Reading	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. J Exp Med. 176 (1): 59-65.
Storage	Prior to reconstitution store at +4°C. After reconstitution store at -20°C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	12 months from date of reconstitution.
Health And Safety Information	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10162 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10162.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

Recommended Useful Reagents

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Worldwide

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'M279528:160115'

Printed on 20 Mar 2018

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