

Datasheet: MCA1818

Description:	MOUSE ANTI HUMAN MCP-3
Specificity:	MCP-3
Other names:	CCL7
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	h.mcp.3
Isotype:	IgG1
Quantity:	0.5 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	■			1/1000
Immunoprecipitation			■	
Western Blotting			■	
Functional Assays	■			1/1000

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 0.5 ml distilled water. 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 vortexed after reconstitution and microcentrifuged before use.
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml

Immunogen	Recombinant human MCP-3 (Macrophage Chemoattractant Protein-3).
External Database Links	UniProt: P80098 Related reagents Entrez Gene: 6354 CCL7 Related reagents
Synonyms	MCP3, SCYA6, SCYA7
Fusion Partners	Spleen cells from immunised C3H/HeJ mice were fused with cells of a mouse myeloma cell line.
Specificity	Mouse anti Human MCP-3 antibody, clone h.mcp.3 recognizes human C-C motif chemokine 7, also known as Monocyte chemoattractant protein 3, MCP-3, CCL7, NC28 or Small-inducible cytokine A7. MCP-3 is a 99 amino acid (including signal peptide sequence) ~9kDa chemotactic glycoprotein for monocytes and eosinophils. No cross reactivity is observed with MCP-1, MCP-2 or other structurally related chemokines.
Further Reading	1. Opdenakker, G. <i>et al.</i> (1993) Human monocyte chemotactic protein-3 (MCP-3): molecular cloning of the cDNA and comparison with other chemokines. Biochem Biophys Res Commun. 191: 535-42.
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at -20°C. 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.
Shelf Life	12 months from date of reconstitution.
Health And Safety Information	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

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP

Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®549 , DyLight®649 , DyLight®680 , DyLight®800 , FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Human Anti Mouse IgG1 (HCA036...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC

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Printed on 25 May 2017

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