

Datasheet: MCA1818

BATCH NUMBER 169700

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 - lyophilized
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 from ascites

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Recombinant human MCP-3 (Macrophage Chemoattractant Protein-3).
External Database Links	<p>UniProt: P80098 Related reagents</p> <p>Entrez Gene: 6354 CCL7 Related reagents</p>
Synonyms	MCP3, SCYA6, SCYA7
RRID	AB_2259751
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.
References	1. Al-Bannawi, A. <i>et al.</i> (2011) <i>Chlamydia pneumoniae</i> induces chemokine expression by platelets in patients with atherosclerosis. Med Princ Pract. 20 (5): 438-43.
Further Reading	1. Opendakker, 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 -20°C. After 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.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10294 available at: https://www.bio-rad-antibodies.com/SDS/MCA1818

RegulatoryFor research purposes only

Related Products**Recommended Secondary Antibodies**

Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR77...)	HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®550 , DyLight®650 , DyLight®680 , DyLight®800 , FITC , HRP

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