

Rabbit MCP-1 Polyclonal Antibody | anti-MCP-1 antibody

RABBIT ANTI RAT MCP-1

CATALOG # AAA49906	HOST Rabbit	APPLICATIONS Western Blot, Functional Assay, ELISA
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PRODUCT SYNONYMS

MCP-1; Polyclonal Antibody; RABBIT ANTI RAT MCP-1; anti-MCP-1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody recognizes rat monocyte chemo attractant protein-1 (MCP-1) also know as CCL-2. Rat MCP-1 is a chemokine of approximately 12kD, which plays an important role in the inflammatory response of blood monocytes and tissue macrophages.
Form/Format	Purified Purified IgG - lyophilised
Concentration	IgG concentration 1.0 mg/ml after reconstitution. (varies by lot)
Sequence Length	148
Applicable Applications for anti-MCP-1 antibody	WB (Western Blot), FA (Functional Assay), ELISA
Reconstitution	Reconstitute with 0.1ml distilled water Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. AAA Biotech recommends that the vial is gently mixed after reconstitution. For long term storage the addition of 0.09% sodium azide is recommended. N.B. For functional studies do not add sodium azide
Immunogen	Recombinant rat MCP-1 (PRP17)
Buffer Solution	Phosphate buffered saline
Antiserum Preparation	Antisera to rat MCP-1 were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Target Species	Rat
Preparation and Storage	Prior to reconstitution store at 4 degree C. Following reconstitution store at -20 degree 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.

ADDITIONAL INFORMATION

Related Product Information for anti-MCP-1 antibody	Rabbit anti Rat MCP-1 antibody recognizes rat monocyte chemo attractant protein-1 (MCP-1), also known as CCL-2. Rat MCP-1 is a chemokine of approximately 12kD, which plays an important role in the inflammatory response of blood monocytes and tissue macrophages.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13928714
NCBI GeneID	24770
NCBI Accession #	NP_113718.1
NCBI GenBank Nucleotide #	NM_031530.1
UniProt Accession #	P14844; Q549R5
Molecular Weight	16,460 Da
NCBI Official Full Name	C-C motif chemokine 2
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 2
NCBI Official Symbol	Ccl2
NCBI Official Synonym Symbols	MCP-1; Scya2; Sigje
NCBI Protein Information	C-C motif chemokine 2; immediate-early serum-responsive JE protein; immediate-early serum-responsive protein JE; monocyte chemoattractant protein 1; monocyte chemoattractant protein-1; monocyte chemotactic protein 1; small inducible cytokine A2; small inducible gene JE; small-inducible cytokine A2
UniProt Protein Name	C-C motif chemokine 2
UniProt Gene Name	Ccl2
UniProt Synonym Gene Names	Je; Mcp1; Scya2; MCP-1
UniProt Entry Name	CCL2_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mcp-1-antibody-western-blot-functional-assay-elisa/49906>