

Rabbit anti-Human MCP-1/CCL2 Polyclonal Antibody | anti-CCL2 antibody

Anti-MCP-1/CCL2 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254541	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, ELISA

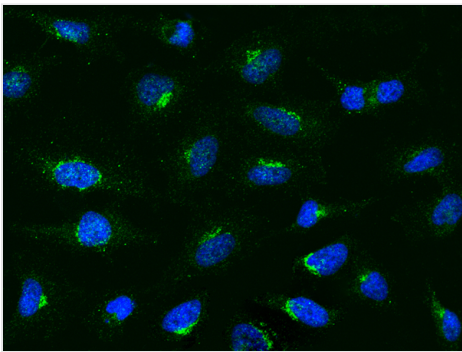
PRODUCT SYNONYMS

MCP-1/CCL2; Polyclonal Antibody; Anti-MCP-1/CCL2 Antibody; Rabbit Polyclonal; MCP-1/CCL2 Antibody; Rabbit PAb; Antigen Affinity Purified; chemokine (C-C motif) ligand 2; Anti-GDCF-2 Antibody; Anti-HC11 Antibody; Anti-HSMCR30 Antibody; Anti-MCAF Antibody; Anti-MCP-1 Antibody; Anti-MCP1 Antibody; Anti-SCYA2 Antibody; Anti-SMC-CF Antibody; anti-CCL2 antibody

PRODUCT SPECIFICATIONS

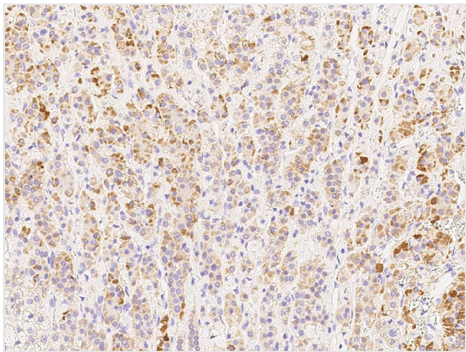
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human MCP-1/CCL2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CCL2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human MCP-1/CCL2 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human MCP-1/CCL2 (rh MCP-1/CCL2). MCP-1/CCL2 specific IgG was purified by Human MCP-1/CCL2 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of CCL2 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human CCL2 polyclonal antibody (dilution ratio 1:300) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Golgi apparatus.



IHC (Immunohistochemistry)

Immunochemical staining of human CCL2 in human adrenal gland with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-CCL2 antibody	Monocyte chemoattractant protein 1 (MCP-1), also called CCL2, belongs to a group of CC chemokines located in chromosome 17q11.2. MCP-1 protein interacts with chemokine C-C motif receptor 2 (CCR2) to activate and recruit monocytes, macrophages, CD4+ T cells and immature dendritic cells to the site of infection. The presence of MCP-1 protein in an adequate concentration is important for granuloma formation and M. tuberculosis clearance.
Product Categories/Family for anti-CCL2 antibody	Neuroinflammation; IL17 signaling pathway
References	Vasquez-Loarte T, Trubnykova M, Guio H. Genetic association meta-analysis: a new classification to assess ethnicity using the association of MCP-1 -2518 polymorphism and tuberculosis susceptibility as a model. BMC Genetics. 2015;16:128.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506841
NCBI GeneID	6347
NCBI Accession #	NP_002973.1
NCBI GenBank Nucleotide #	NM_002982.3
UniProt Accession #	P13500; Q9UDF3; B2R4V3
Molecular Weight	11kDa
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	HC11; MCAF; MCP1; MCP-1; SCYA2; GDCF-2; SMC-CF; HSMCR30
NCBI Protein Information	C-C motif chemokine 2; small-inducible cytokine A2; monocyte secretory protein JE; monocyte chemotactic protein 1; monocyte chemoattractant protein 1; monocyte chemoattractant protein-1; monocyte chemotactic and activating factor; small inducible cytokine
UniProt Protein Name	C-C motif chemokine 2
UniProt Gene Name	CCL2
UniProt Synonym Gene Names	MCP1; SCYA2; MCAF; MCP-1

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://stage.aaabiotech.com/polyclonal/mcp-1-ccl2-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/254541>