

Rabbit anti-Human CCL2 / MCP1 Polyclonal Antibody | anti-CCL2 antibody

Anti-CCL2 / MCP1 Antibody (aa62-89) IHC-plus

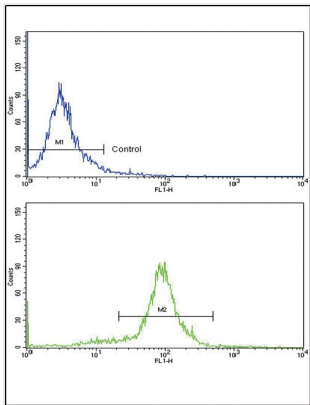
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162177	Rabbit	Human	Flow Cytometry, Functional Assay, Western Blot, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

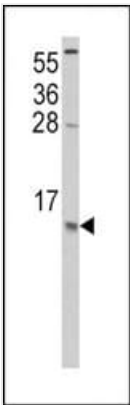
CCL2 / MCP1; Polyclonal Antibody; Anti-CCL2 / MCP1 Antibody (aa62-89) IHC-plus; Rabbit Polyclonal to Human CCL2 / MCP1; Human CCL2 / MCP1; C-C motif chemokine 2; Chemokine (C-C motif) ligand 2; GDCF-2; HC11; HSMCR30; SCYA2; Small-inducible cytokine A2; Monocyte secretory protein JE; MCAF; MCP-1; Monocyte chemotactic protein 1; SMC-CF; anti-CCL2 antibody

PRODUCT SPECIFICATIONS

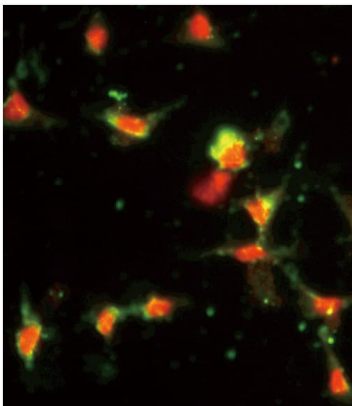
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human CCL2 / MCP-1
Purity/Purification	Ammonium sulfate precipitation
Form/Format	PBS, 0.09% sodium azide
Sequence Length	99
Applicable Applications for anti-CCL2 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	CCL2 / MCP1 antibody was raised against KLH-conjugated synthetic peptide from C-terminal region of human CCL2.
Immunogen Description	KLH-conjugated synthetic peptide from C-terminal region of human CCL2.
Immunogen Type	Synthetic peptide
Antigen Modification	aa62-89
Target Species	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.



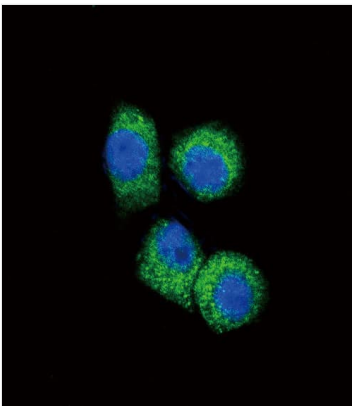
FCM/FACS (Flow Cytometry)
Flow cytometric of HeLa cells using CCL2 Antibody (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



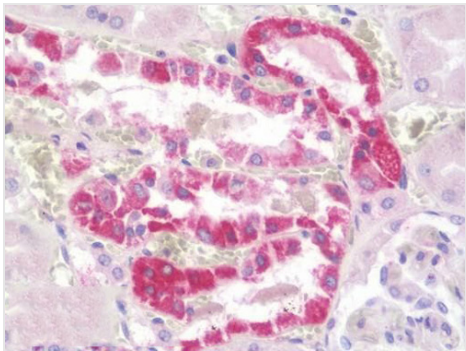
WB (Western Blot)
Western blot of CCL2 Antibody in HeLa cell line lysates (35 ug/lane). CCL2 (arrow) was detected using the purified antibody.



IF (Immunofluorescence)
Immunofluorescence of CCL2 Antibody with HeLa cells. 0.025 mg/ml primary antibody was followed by FITC-conjugated goat anti-rabbit IgG (whole molecule). FITC emits green fluorescence.Red counterstaining is PI.



IF (Immunofluorescence)
Confocal immunofluorescence of CCL2 Antibody with HeLa cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)
Anti-CCL2 / MCP1 antibody IHC staining of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:75.

ADDITIONAL INFORMATION

Related Product Information for anti-CCL2 antibody	CCL2 Antibody, C-C motif chemokine 2 Antibody, Chemokine (C-C motif) ligand 2 Antibody, GDCF-2 Antibody, HC11 Antibody, HSMCR30 Antibody, MCP1 Antibody, SCYA2 Antibody, Small-inducible cytokine A2 Antibody, Monocyte secretory protein JE Antibody, MCAF Antibody, MCP-1 Antibody, Monocyte chemotactic protein 1 Antibody, SMC-CF Antibody Description: CCL2 / MCP1 is one of several cytokine genes clustered on the q-arm of chromosome 17. Chemokines are a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of N-terminal cysteine residues of the mature peptide. This chemokine is a member of the CC subfamily which is characterized by two adjacent cysteine residues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506841
NCBI GeneID	6347
NCBI Accession #	NP_002973.1
NCBI GenBank Nucleotide #	NM_002982.3
UniProt Accession #	P13500
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
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/ccl2-mcp1-antibody-flow-cytometry-western-blot-immunofluorescence-immunohistochemistry-elisa/162177>