

Mouse anti-Human CCR-2 Monoclonal Antibody | anti-CCR-2 antibody

Mouse anti CCR-2 Monoclonal Antibody

CATALOG # AAA71340	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA
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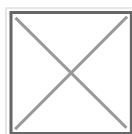
PRODUCT SYNONYMS

CCR-2; Monoclonal Antibody; Mouse anti CCR-2 Monoclonal Antibody; CCR2; CCR2A; CCR2B; CD192; CKR2; anti-CCR-2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1D9
Specificity	This antibody recognizes human CCR2 protein. The other species are not tested.
Purity/Purification	Purified by Protein A-Affinity Chromatography according to Isotyping
Form/Format	Supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Sequence Length	360
Applicable Applications for anti-CCR-2 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Positive Control	Kidney Tissue
Cellular Location	Cell Membrane
Antigen Preparation	A synthetic peptide derived from N-terminus of the extracellular domain of human CCR2 protein.
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20 degree C to -70°C. The antibodies can be stored at 2 degree C - 8 degree C for three months without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



WB (Western Blot)

Western Blot: The whole lysate derived from Jurkat (20 ug/lane) immunoblotted by Mouse anti-CCR2 (Cat# AAA71340) at 1:500. Observed a major immunoreactive band at molecular weight ~50 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CCR-2 antibody	Background: CCR2, or C-C Motif Chemokine receptor type 2, encodes two isoforms (CCR2A and CCR2B) of a receptor for monocyte chemoattractant protein-1 (MCP1, MCP-3 and MCP4), a chemokine which specifically mediates monocyte chemotaxis. Monocyte chemoattractant protein-1 is involved in monocyte infiltration in inflammatory diseases such as rheumatoid arthritis as well as in the inflammatory response against tumors. The receptors encoded by this gene mediate agonistdependent calcium mobilization and inhibition of adenylyl cyclase. This gene is located in the chemokine receptor gene cluster region. The two alternatively spliced transcript variants are expressed widely in variety of tissues, including blood, brain, heart, kidney, liver, lung, ovary, pancreas, spinal cord, spleen and thymus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	183979982
NCBI GeneID	729230
NCBI Accession #	NP_001116868.1
NCBI GenBank Nucleotide #	NM_001123396.1
UniProt Accession #	P41597; Q4VBL2; A0AVQ3; B2RMT0
Molecular Weight	50.0
NCBI Official Full Name	C-C chemokine receptor type 2 isoform B
NCBI Official Synonym Full Names	C-C motif chemokine receptor 2
NCBI Official Symbol	CCR2
NCBI Official Synonym Symbols	CKR2; CCR-2; CCR2A; CCR2B; CD192; CKR2A; CKR2B; CMKBR2; MCP-1-R; CC-CKR-2
NCBI Protein Information	C-C chemokine receptor type 2
UniProt Protein Name	C-C chemokine receptor type 2
UniProt Gene Name	CCR2
UniProt Synonym Gene Names	CMKBR2; C-C CKR-2; CC-CKR-2; CCR-2; CCR2; MCP-1-R

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.