



CD192 Polyclonal Antibody

Catalog No	YP-Ab-14079
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	CCR2
Immunogen	The antiserum was produced against synthesized peptide derived from the N-terminal region of human CCR2. AA range:1-50
Specificity	CD192 Polyclonal Antibody detects endogenous levels of CD192 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CC-CKR-2;CCR-2;CCR2A;CCR2B;CD192;CKR2;CKR2A;CKR2B;CMKBR2; MCP-1-R;PCLUD;mJe-r;CCR2_HUMAN;CCR2;C-C CKR-2;Monocyte chemoattractant protein 1 receptor (MCP-1-R);CCR2_MOUSE;JE/FIC receptor; MCP-1 receptor;CCR2_RAT;C-C motif chemokine receptor 2;chemokine (C-C motif) receptor 2;C-C chemokine receptor type 2;Monocyte chemoattractant protein 1 receptor
Observed Band	42kD
Calculated Molecular Weight	42kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein . The chemoattractant receptors are distributed throughout the cell surface; after stimulation with a ligand, such as CCL2, they are rapidly recruited into microdomain clusters at the cell membrane. .
Tissue Specificity	Expressed by monocytes and IL2-activated NK cells.
Function	function:Receptor for the MCP-1, MCP-3 and MCP-4 chemokines. Transduces a signal by increasing the intracellular calcium ions level. Alternative coreceptor with CD4 for HIV-1 infection.,online information:CC chemokine receptors entry, polymorphism:Variations in CCR2 are associated with relative resistance to



immunodeficiency virus type 1 (resistance to HIV-1) [MIM:609423].,PTM:N-glycosylated.,similarity:Belongs to the G-protein coupled receptor 1 family.,subunit:Binds to HIV-1 Tat.,

Background

This gene encodes two isoforms of a receptor for monocyte chemoattractant protein-1, 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 agonist-dependent calcium mobilization and inhibition of adenylyl cyclase. This gene is located in the chemokine receptor gene cluster region. Two alternatively spliced transcript variants are expressed by the gene. [provided by RefSeq, Mar 2009],

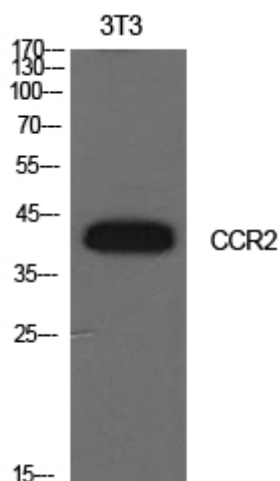
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of NIH-3T3 cells using CD192 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

Western Blot analysis of 3T3 cells using CD192 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000