

Product Name: CD192 Rabbit Polyclonal Antibody
Catalog #: APRab08257



Summary

Production Name	CD192 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CCR2
Alternative Names	CCR2; CMKBR2; C-C chemokine receptor type 2; C-C CKR-2; CC-CKR-2; CCR-2; CCR2; Monocyte chemoattractant protein 1 receptor; MCP-1-R; CD192
Gene ID	729230.0
SwissProt ID	P41597.The antiserum was produced against synthesized peptide derived from the N-terminal region of human CCR2. AA range:1-50

Application

Dilution Ratio	WB 1:500-1:2000, ELISA 1:10000.Not yet tested in other applications.
Molecular Weight	42kDa

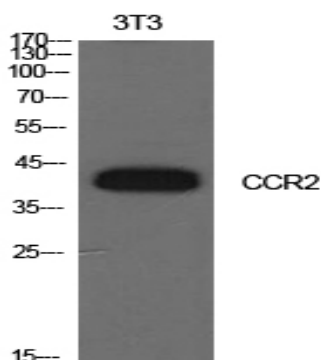
Background

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],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.,

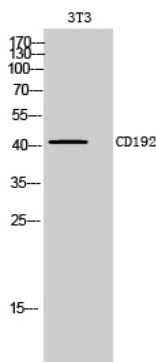
Research Area

Cytokine-cytokine receptor interaction;Chemokine;

Image Data



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



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

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Note

For research use only.