

## CD192 Polyclonal Antibody

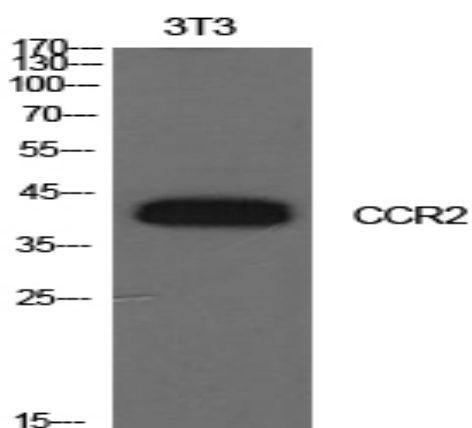
<b>Catalog No :</b>	YT5635
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	CD192
<b>Fields :</b>	>>Cytokine-cytokine receptor interaction;>>Viral protein interaction with cytokine and cytokine receptor;>>Chemokine signaling pathway
<b>Gene Name :</b>	CCR2
<b>Protein Name :</b>	C-C chemokine receptor type 2
<b>Human Gene Id :</b>	729230
<b>Human Swiss Prot No :</b>	P41597
<b>Mouse Gene Id :</b>	12772
<b>Mouse Swiss Prot No :</b>	P51683
<b>Rat Gene Id :</b>	60463
<b>Rat Swiss Prot No :</b>	O55193
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from the N-terminal region of human CCR2. AA range:1-50
<b>Specificity :</b>	CD192 Polyclonal Antibody detects endogenous levels of CD192 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.

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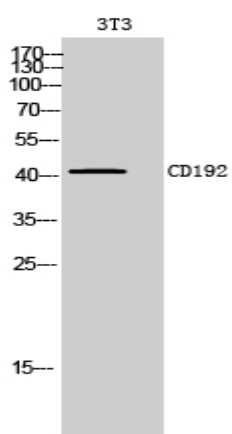
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	42kD
<b>Cell Pathway :</b>	Cytokine-cytokine receptor interaction;Chemokine;
<b>Background :</b>	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],
<b>Function :</b>	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.,
<b>Subcellular Location :</b>	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. .
<b>Expression :</b>	Expressed by monocytes and IL2-activated NK cells.

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## 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