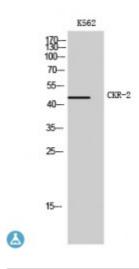


## Anti-CKR-2 antibody



**Description** Rabbit polyclonal to CKR-2.

Model STJ92299

**Host** Rabbit

**Reactivity** Mouse, Rat

**Applications** ELISA, IF, WB

**Immunogen** Synthesized peptide derived from human CKR-2

**Immunogen Region** 250-330 aa, C-terminal

**Gene ID** <u>12772</u>

Gene Symbol CCR2

**Dilution range** WB 1:500-1:2000IF 1:200-1:1000ELISA 1:5000

**Specificity** CKR-2 Polyclonal Antibody detects endogenous levels of CKR-2 protein.

**Purification** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

**Note** For Research Use Only (RUO).

Protein Name C-C chemokine receptor type 2 C-C CKR-2 CCR-2 CCR2 JE/FIC

receptor MCP-1 receptor CD antigen CD192

Molecular Weight 46 kDa

**Clonality** Polyclonal

**Conjugation** Unconjugated

**Isotype** IgG

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

**Concentration** 1 mg/ml

**Storage Instruction** Store at -20°C, and avoid repeat freeze-thaw cycles.

Alternative Names C-C chemokine receptor type 2 C-C CKR-2 CC-CKR-2 CCR2 JE/FIC

receptor MCP-1 receptor CD antigen CD192

**Function** Receptor for the CCL2, CCL7 and CCL13 chemokines. Transduces a signal

by increasing intracellular calcium ion levels. Alternative coreceptor with

CD4 for HIV-1 infection.

Cellular Localization Cell membrane

**Post-translational** N-glycosylated. Sulfation increases the affinity for both monomeric and dimeric CCL2 with stronger binding to the monomeric form. Binding of

sulfated CCR2 to CCL2 promotes conversion of CCL2 from dimer to

monomer.

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