

## CXCR2

**Reactivity:** Human

**Tested applications:** WB

**Recommended Dilution:** WB 1:500 - 1:2000

**Calculated MW:** 41kDa

**Observed MW:** Refer to Figures

**Immunogen:**

A synthetic peptide of human CXCR2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

b

**Synonym:**

CD182; IL8R2; IL8RA; IL8RB; CMKAR2; CDw128b;

**Catalog #:** A2889

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 3579

**Isotype:** IgG

**Swiss Prot:** P25025

**Purity:** Affinity purification

For research use only.

**Background:**

The protein encoded by this gene is a member of the G-protein-coupled receptor family. This protein is a receptor for interleukin 8 (IL8). It binds to IL8 with high affinity, and transduces the signal through a G-protein activated second messenger system. This receptor also binds to chemokine (C-X-C motif) ligand 1 (CXCL1/MGSA), a protein with melanoma growth stimulating activity, and has been shown to be a major component required for serum-dependent melanoma cell growth. This receptor mediates neutrophil migration to sites of inflammation. The angiogenic effects of IL8 in intestinal microvascular endothelial cells are found to be mediated by this receptor. Knockout studies in mice suggested that this receptor controls the positioning of oligodendrocyte precursors in developing spinal cord by arresting their migration.

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