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CXCR2 (N) Antibody, Rabbit Polyclonal

Cat#: R0237-1

Quantity: 100 ul

Predicted M.W.: 41 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P25025

Background:

C-X-C chemokine receptor type 2 (CXCR2) is a multi-pass membrane protein, which belongs to the G-protein coupled receptor 1 family. CXCR2 is the receptor for interleukin-8, a powerful neutrophil chemotactic factor. Binding of IL-8 to CXCR2 causes activation of neutrophils, and this response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. CXCR2 binds to IL-8 with high affinity, and it also binds to CXCL3, GRO/MGSA and NAP-2.

Other Names:

C-X-C chemokine receptor type 2, CXC-R2, CXCR-2, CDw128b, GRO/MGSA receptor, High affinity interleukin-8 receptor B, IL-8R B, IL-8 receptor type 2, CD182, IL8RB

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human CXCR2. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:1,000-1:5,000 (detect recombinant protein)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

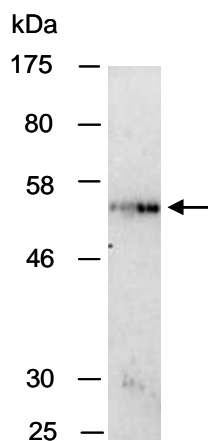


Fig 1. Western blot of total cell extracts from human A375, using Ab (R0237-1) at RT for 2 h. The observed M.W. of CXCR2 is approximately 50 kD.