

CXCR4

Reactivity:Human Rat

Tested applications:WB IHC FC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:100 FC1:20 - 1:50

Calculated MW:39kDa

Observed MW:Refer to Figures

Immunogen:

A synthetic peptide of human CXCR4

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

ab

Synonym:

FB22; HM89; LAP3; LCR1; NPYR; WHIM; CD184; LESTR; NPY3R; NPYRL; HSY3RR; NPY3R;
D2S201E;

Catalog #:A5869

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:7852

Isotype:IgG

Swiss Prot:P61073

Purity:Affinity purification

For research use only.

Background:

This gene encodes a CXC chemokine receptor specific for stromal cell-derived factor-1. The protein has 7 transmembrane regions and is located on the cell surface. It acts with the CD4 protein to support HIV entry into cells and is also highly expressed in breast cancer cells.

Mutations in this gene have been associated with WHIM (warts, hypogammaglobulinemia, infections, and myelokathexis) syndrome. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

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