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## CD184 Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 251387

**Unit:** 0.1 mg

**Description:**

C-X-C chemokine receptor type 4 (CXCR-4, CD184) is a receptor for the C-X-C chemokine CXCL12 (SDF-1) that transduces a signal by increasing intracellular calcium ions levels and enhancing MAPK1/MAPK3 activation. CD184 also acts as a receptor for extracellular ubiquitin. CD184 is involved in haemostasis, in cardiac ventricular septum formation and acts as a coreceptor with CD4 for HIV-1 isolates. Defects in CD184 are a cause of WHIM syndrome (warts, hypogammaglobulinemia, infections and myelokathexis).

**Isotype:** Rabbit Ig

**Applications:** E, WB, IHC

**Species Reactivity:** H, M, R

**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

**Alternate Names:** CXC-R4; CD184; C-X-C chemokine receptor type 4; CXCR-4; Stromal cell-derived factor 1 receptor; SDF-1 receptor; Fusin; Leukocyte-derived seven transmembrane domain receptor; LESTR; LCR1; FB22; NPYRL; HM89

**Accession No.:** P61073

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CD184.

**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.