

---

## **CD181 Antibody**

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 251385

**Unit:** 0.1 mg

### **Description:**

C-X-C chemokine receptor type 1 (CXC-R1, CD181) is a receptor to interleukin-8, which is a powerful neutrophil chemotactic factor. Binding of IL-8 to CD181 causes activation of neutrophils. This response is mediated via a G-protein cascade that activates a phosphatidylinositol-calcium second messenger system. CD181 binds to IL-8 with a high affinity and to MGSA (GRO) with a low affinity.

**Isotype:** Rabbit Ig

**Applications:** E, WB, IHC, IP

**Species Reactivity:** H, M, R, B, D, Rb

**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:** C-X-C chemokine receptor type 1; CXC-R1; CXCR-1; CDw128a; High affinity interleukin-8 receptor A; IL-8R A; IL-8 receptor type 1; CD181; CXCR1; CMKAR1; IL8RA

**Accession No.:** P25024

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CD181.

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