Recombinant DGRmAb®

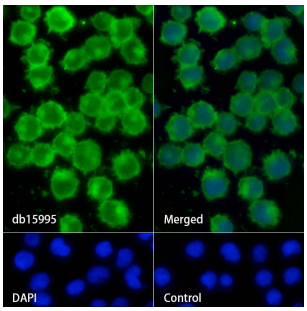
# CXCR4 (DGR11424) Rabbit mAb (PBS Only)

**db15995-PBS** **Package : 10μg 100μg**

**Product Name :** CXCR4 (DGR11424) Rabbit mAb (PBS Only)
**Cat.No.:** db15995-PBS
**Synonyms :** FB22; HM89; LAP3; LCR1; NPYR; WHIM; CD184; LAP-3; LESTR; NPY3R; NPYRL; WHIMS; HSY3RR; NPYY3R; D2S201E
**Application :** WB, IHC, ICC/IF
**Reactivity :** Human, Mouse
**Host species :** Rabbit

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| **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. [provided by RefSeq, Jul 2008] |
| **Immunogen** | A synthetic peptide of human CXCR4 |
| **Gene ID** | 7852 |
| **Swiss Prot** | P61073 |
| **Synonyms** | FB22; HM89; LAP3; LCR1; NPYR; WHIM; CD184; LAP-3; LESTR; NPY3R; NPYRL; WHIMS; HSY3RR; NPYY3R; D2S201E |
| **Reactivity** | Human, Mouse |
| **Application** | WB, IHC, ICC/IF |
| **Calculated MW** | 40 kDa |
| **Observed MW** | 40 kDa |
| **Host species** | Rabbit |
| **Clonality** | Monoclonal |
| **Clonality No.** | DGR11424 |
| **Isotype** | IgG |
| **Purity** | Affinity Purification |

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| **Conjugation** | Un-conjugated |
| **Concentration** | 1 mg/mL |
| **Formulation** | PBS Only |
| **Storage Stability** | Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt. |




Immunofluorescence analysis of Jurkat cells labelling CXCR4 with db15995.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db15995 (1:50) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.