Recombinant DGRmAb®

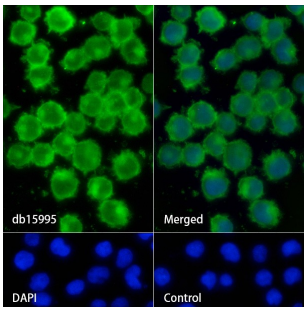
CXCR4 (DGR11424) Rabbit mAb

db15995 **Package : 10μL 20μL 50μL 100μL**

Product Name : CXCR4 (DGR11424) Rabbit mAb
Cat.No.: db15995
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

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
Recommended dilution	WB: 1:2000 IHC: 1:100 ICC/IF: 1:50
Calculated MW	40 kDa
Observed MW	40 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR11424

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. 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.