

CXCR4 antibody

Product Information

Catalog No.:	FNab02103
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	9H1
IsoType:	IgG2a
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

The chemokine receptor CXCR4, a 7-transmembrane protein on cell surface, acts with the CD4 protein to support HIV entry into cells. CXCR4 is highly expressed in brain and heart, white blood cells, vascular endothelial cells, and umbilical cord endothelial cells. Several CXCR4 isoforms have been identified with molecular weights of 47, 50, 62 and 98kDa. The 62-64kDa CXCR4 is predominantly ubiquitinated and is preferentially associated with CD4. This antibody recognizes the 62kd CXCR4.

Immunogen information

Immunogen:	chemokine(C-X-C motif) receptor 4
Synonyms:	C-X-C chemokine receptor type 4 (CXC-R4, CXCR-4) FB22 Fusin HM89 LCR1 Leukocyte-derived seven transmembrane domain receptor (LESTR) Lipopolysaccharide-associated protein 3 (LAP-3, LPS-associated protein 3) NPYRL Stromal cell-derived factor 1 receptor (SDF-1 receptor) CXCR4
Observed MW:	60-70 kDa
Uniprot ID :	P61073

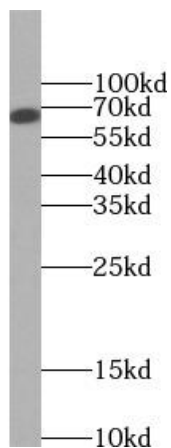
Application

Reactivity:	Human, Mouse
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Tested Application: ELISA, WB, FC

Recommended dilution: WB: 1:500-1:5000

Image:



K-562 cells were subjected to SDS PAGE followed by western blot with FNab02103(CXCR4 Antibody) at dilution of 1:1000