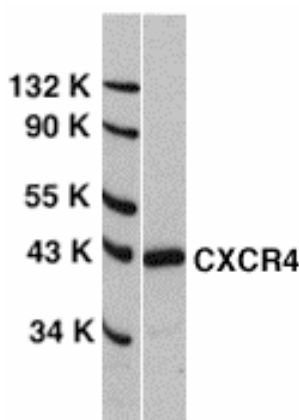


Anti-Human CXCR4 (NT) (Fusin, LESTR, HUMSTR)

Catalog No.	PX172A PX172B	Quantity:	100 µg 0.5 mg
Background:	Human immunodeficiency virus (HIV) and related viruses require coreceptors, in addition to CD4, to infect target cells. Some G protein-coupled receptors including CCR5, CXCR4, CCR3, CCR2b and CCR8 in the cytokine receptor family, and four new human molecules GPR15, STRL33, GPR1 and V28 were recently identified as HIV coreceptors. Among them, CXCR4 (fusin, LESTR or HUMSTR) is a principal coreceptor for T-cell tropic strains of HIV-1 fusion and entry of human white blood cells. CXCR4 is also required for the infection by dual-tropic strains of HIV-1 and mediates CD-4 independent infection by HIV-2. The α -cytokine SDF-1 is the ligand for CXCR4 and prevents infection by T-tropic HIV-1. CXCR4 associates with the surface CD4-gp120 complex before HIV		
Source:	Rabbit anti-CXCR-4 polyclonal antibody was raised against a peptide corresponding to amino acids 1 to 14 of human CXCR4.		
Cross-Reactivity:	Cross-reactive with human and mouse.		
Application:	This polyclonal antibody can be used for Western blot at 1:1,000 to 1:2,000 dilution and for immunoprecipitation and immunocytochemistry. HeLa whole cell lysate can be used as positive control. It is human and mouse reactive. For research use only.		
Storage:	It is supplied as purified IgG fraction, 100 µg in 200 µl of PBS containing 0.02% sodium azide. Store at 4°C, stable for one year.		
References:	Search PubMed (MEDLINE) for references to this product.		



Western blot analysis of CXCR4 in HeLa total cell lysate with anti-CXCR4 (NT) at 1:2000 dilution.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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