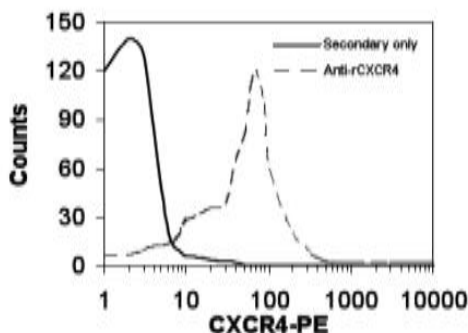


Cxcr4

Rabbit Anti-Rat CXCR4 pAb

Catalog No.	CPC300	Quantity:	200 µg
Alternate Names:	CXC chemokine receptor, chemokine receptor (LCR1)		
Description:	<p>CXCR4 (fusin) is one of the members in the seven transmembrane G-protein-coupled chemokine receptor family. The full length cDNA was isolated from a human spleen cDNA library. Its ligand is chemokine stroma-derived factor (SDF). CXCR4 has been proved to be the coreceptor for HIV's binding to CD4 through envelope glycoprotein gp 120. In other cases, CXCR4 can even function as the only receptor for HIV-2's binding to the CD4+ host cells.</p>		
Gene ID:	60628		
Specificity:	Rat CXCR4		
Host:	Rabbit		
Immunogen:	Recombinant N-terminal Rat CXCR4 (aa 2-38)		
Isotype:	IgG		
Formulation:	Lyophilized with 0.1% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Protein A purified		
Reconstitution:	Centrifuge vial prior to opening. Add 200 µl sterile distilled water to the vial to fully solubilize the antibody to a concentration of 1 mg/ml.		
Cross-Reactivity:	Mouse CXCR4		
Applications:	Western Blot, Immunohistochemistry, Flow Cytometry, Neutralization Assays		
Application Notes:	Western Blot, use a working dilution of 1:1,000. Flow Cytometry, use a working dilution of 1:100. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at 2-4°C short-term or in working aliquots at -20°C long-term. Avoid repeated freeze-thaw cycles.		



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

