

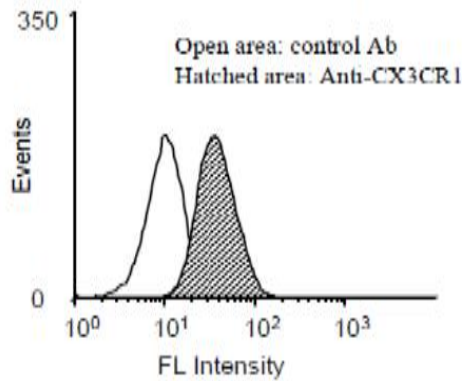
Cx3cr1

Rabbit Anti-Rat CX3CR1 pAb

Catalog No.	CPC408	Quantity:	200 µg
Alternate Names:	CX3C chemokine receptor 1, Fractalkine receptor, RBS11		
Description:	Fractalkine, also termed neurotactin, is a membrane-bound CX3C chemokine. Rat CX3CR1, also named RBS11, was first cloned from rat brainstem, pituitary and/or spinal cord cDNA libraries. A G-protein-coupled seven-transmembrane domain receptor, it was recently identified to serve as fractalkine receptor. The human equivalent receptor is known as V28, which has been shown to mediate both the adhesive and migratory functions of fractalkine. Fractalkine and CX3CR1 represent new types of leukocyte trafficking regulators.		
Immunogen:	<i>E. coli</i> expressed rat CX3CR1 amino terminal domain		
UniProt ID:	P35411		
Gene ID:	171056		
Host:	Rabbit		
Isotype:	IgG		
Specificity:	Recombinant and native rat CX3CR1		
Cross-Reactivity:	Cross reactivity to CX3CR1 of other species has not been determined.		
Formulation:	Lyophilized with 0.1% sodium azide.		
Purification:	Protein A affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute to 1 mg/ml by adding 200 µl sterile, distilled water.		
Application Notes:	Western blot: suggested dilution 1:1,000-1:2,000 Immunohistochemistry: suggested dilution 1:100-1:300 Flow Cytometry: suggested dilution 1:100-1:300 Neutralization function in calcium mobilization assays. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at 2-8°C for short term or -20°C to 80°C in small aliquots for long term storage. Avoid repeated freeze/thaw cycles.		



Flow cytometry detection of rat CX3CR1 in transfected cells by the antibody (1:500 dilution)



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