

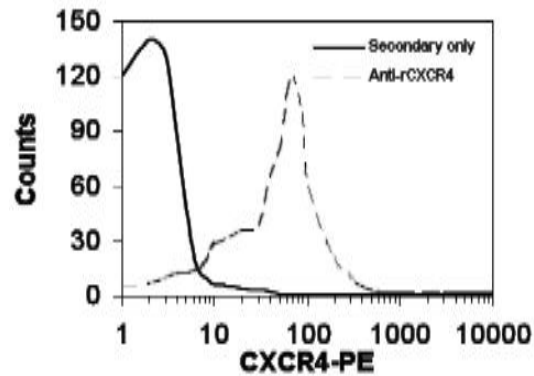
Cxcr4

Rabbit Anti-Rat CXCR4 pAb

| | | | |
|---------------------------------|---|------------------|--------|
| Catalog No. | CPC300 | Quantity: | 200 µg |
| Alternate Names: | C-X-C chemokine receptor 4, Fusin, Leukocyte-derived seven transmembrane domain receptor, LESTR, Stromal cell-derived factor 1 receptor, SDF-1, CD184 | | |
| Description: | CXCR4 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 co-receptor 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. | | |
| Immunogen: | <i>E. coli</i> -expressed N-terminal rat CXCR4, aa 2-38 | | |
| UniProt ID: | Q8VD47 | | |
| Gene ID: | 60628 | | |
| Host: | Rabbit | | |
| Isotype: | IgG | | |
| Specificity: | Rat CXCR4 | | |
| Cross-Reactivity: | Reacts with mouse CXCR4 | | |
| Formulation: | Lyophilized with 0.1% sodium azide. PPE is recommended when working with products containing sodium azide. | | |
| Purification: | Protein A affinity chromatography | | |
| 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. | | |
| Application Notes: | Western Blot, IHC, Neutralization: suggested dilution 1:1,000. Flow Cytometry: suggested dilution 1:100. The optimal concentration should be determined by the user for each specific application. | | |
| Storage & Stability: | Store at 2-8°C for short-term or in working aliquots at -20°C to -80°C for long-term storage. Avoid repeated freeze-thaw cycles. | | |



Flow cytometry profile using CPC300, rabbit anti-rat CXCR4 pAb



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



Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com