



11 Park Drive, Suite 12  
Boston, MA 02215

## Rabbit Anti-Human CXCR4

### ORDERING INFORMATION

<b>Catalog Number:</b>	102-PA120
<b>Size:</b>	100 µg
<b>Formulation:</b>	Polyclonal Antibody ; Lyophilized
<b>Synonyms:</b>	FB22; HM89; LAP3; LCR1; NPYR; WHIM;
<b>Antigen:</b>	RH CXCR4 fusion protein [N-t and loops]
<b>Application:</b>	WB, E
<b>NCBI Gene ID:</b>	7852
<b>Buffer:</b>	PBS pH 7.4 w/o preservative

### *Description:*

CXCR4, also known as fusin, is a 7TM G protein-linked chemokine receptor. CXCR4 is expressed on B cells, monocytes, CD4+ T cells, colonic epithelial cells, and astrocytes and binds SDF1/ CXCL12. CXCR4 is upregulated on mammary tumors. CXCR4, in cooperation with CD134 and heparan sulfate proteoglycans, functions as a coreceptor for feline immunodeficiency virus (FIV) entry into cells. Feline CXCR4 shares 97%, 95%, 88%, and 90% aa sequence identity with canine, human, mouse, and rat CXCR4, respectively.

### *Reconstitution:*

Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

### *Stability:*

The lyophilized antibody is stable at room temperature for up to 1 month. The reconstituted antibody is stable for at least two weeks at 2-8 °C. Frozen aliquots are stable for at least 6 months when stored at -20 °C. **Avoid repeated freeze-thaw cycles!**

*Optimal dilutions should be determined by each laboratory for each application.*

The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users!

**This product is sold for Research Use Only !**

Contact & Ordering Information: Angio-Proteomie, 11 Park Drive, Suite 12, Boston, MA 02215, USA. Tel: 617-549-2665; Fax: (480) 247-4337, [angioproteomie@gmail.com](mailto:angioproteomie@gmail.com)