

Rabbit Anti-Human CXCR4

ORDERING INFORMATION

Catalog Number:	102-PA120
Size:	100 µg
Formulation:	Polyclonal Antibody ; Lyophilized
Synonyms:	FB22; HM89; LAP3; LCR1; NPYR; WHIM;
Antigen:	RH CXCR4 fusion protein [N-t and loops]
Application:	WB, E
NCBI Gene ID:	7852
Buffer:	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 end users!

This product is sold for Research Use Only !