

Datasheet for ABIN1714582
anti-CXCR4 antibody (pSer339)



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1 Image

Overview

Quantity:	100 µL
Target:	CXCR4
Binding Specificity:	pSer339
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCR4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human CXCR4 around the phosphorylation site of Ser339 [HS(p-S)VS]
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	CXCR4
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Target Details

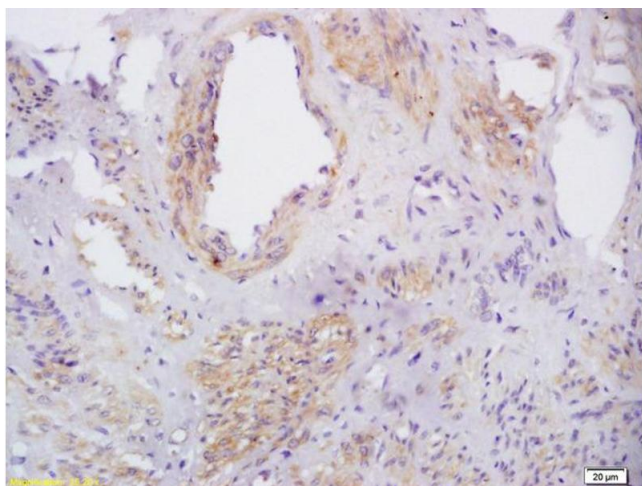
Alternative Name:	CXCR4 (CXCR4 Products)
Background:	Synonyms: p-CXCR4 phospho S339, p-CD184 phospho S339, C-X-C chemokine receptor type 4, CXC-R4, CXCR-4, Stromal cell-derived factor 1 receptor, SDF-1 receptor, Fusin, Leukocyte-derived seven transmembrane domain receptor, LESTR, CD184 antigen, CXCR4_HUMAN. Background: This gene encodes a CXC chemokine receptor specific for stromal cell-derived factor-1. The protein has 7 transmembrane regions and is located on the cell surface. It acts with the CD4 protein to support HIV entry into cells and is also highly expressed in breast cancer cells. Mutations in this gene have been associated with WHIM (warts, hypogammaglobulinemia, infections, and myelokathexis) syndrome. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. Monomer. Can form dimers.
Gene ID:	55038
Pathways:	Regulation of Cell Size, CXCR4-mediated Signaling Events

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human cervical carcinoma labeled with Rabbit Anti phospho-CXCR4(Ser339) Polyclonal Antibody, Unconjugated (ABIN1714582) at 1:200 followed by conjugation to the secondary antibody and DAB staining