

Datasheet for ABIN1531564
anti-CXCR4 antibody (pSer339)



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3 Images

Overview

Quantity:	100 µL
Target:	CXCR4
Binding Specificity:	AA 303-352, pSer339
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCR4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human CXCR4 around the phosphorylation site of Ser339.
Isotype:	IgG
Specificity:	CXCR4 (Phospho-Ser339) Antibody detects endogenous levels of CXCR4 only when phosphorylated at Ser339. PhosphorylationH:S339 M:S346
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

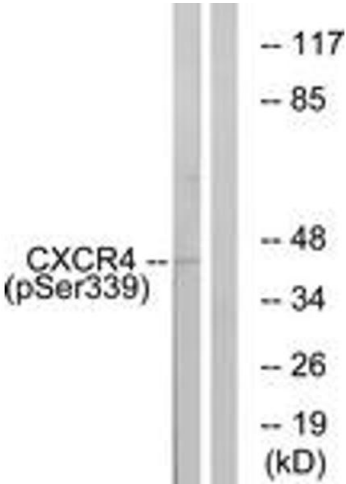
Target:	CXCR4
Alternative Name:	CXCR4 (CXCR4 Products)
Background:	Synonyms: C-X-C chemokine receptor type 4, CXC-R4, CXCR-4, Stromal cell-derived factor 1 receptor, SDF-1 receptor, Fusin, Leukocyte-derived seven transmembrane domain receptor, LESTR, LCR1, FB22, NPYRL, HM89, CD184 antigen, CXCR4 NCBI Gene Symbol: CXCR4
Molecular Weight:	39 kDa
Gene ID:	7852
OMIM:	162643
UniProt:	P61073
Pathways:	Regulation of Cell Size, CXCR4-mediated Signaling Events

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:20000
Comment:	Unigene-Number: Hs.593413 (NCBI Gene Symbol: CXCR4)
Restrictions:	For Research Use only

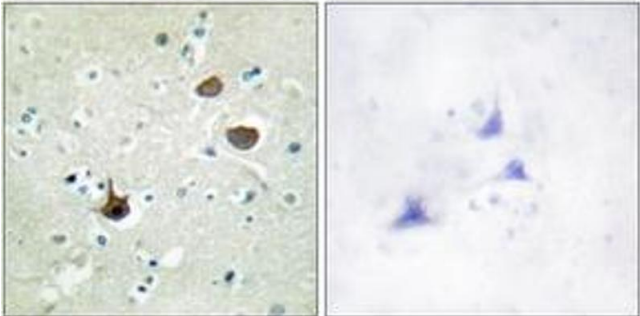
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



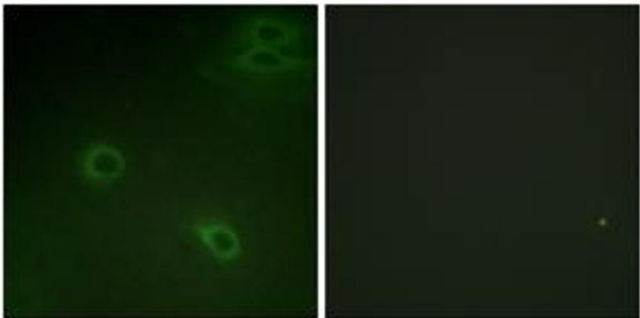
Western Blotting

Image 1. Western blot analysis of extracts from HuvEc cells treated with etoposide 25uM 24H, using CXCR4 (Phospho-Ser339) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain, using CXCR4 (Phospho-Ser339) Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 3. Immunofluorescence analysis of HeLa cells, using CXCR4 (Phospho-Ser339) Antibody. The picture on the right is treated with the synthesized peptide.