Datasheet for ABIN1535575

anti-CXCR4 antibody (AA 300-349)

2 Images

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Overview

Quantity:	100 µL
Target:	CXCR4
Binding Specificity:	AA 300-349
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCR4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human CXCR4.
Isotype:	IgG
Specificity:	CXCR4 Antibody detects endogenous levels of total CXCR4 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
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

Target Details

	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 IF: 1:100~1:500 ELISA: 1:40000
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

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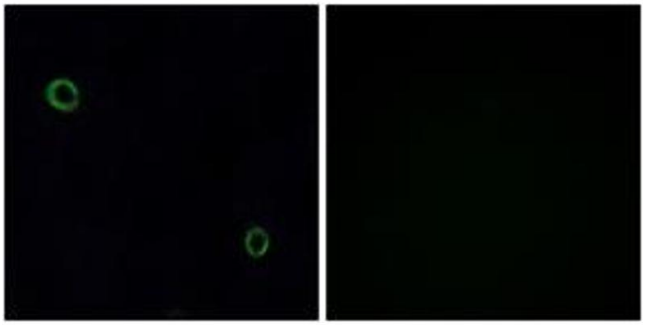
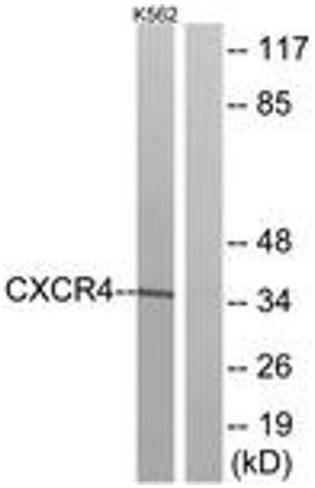


Immunofluorescence

Image 1. Immunofluorescence analysis of A549 cells, using CXCR4 Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from K562 cells, using CXCR4 Antibody. The lane on the right is treated with the synthesized peptide.