BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Fusin(Phospho Ser339) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00743
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CXCR4 around the phosphorylation site of Ser339. AA range:303-352
Mol wt	39746
Species reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	C-X-C chemokine receptor type 4
Synonyms	C-X-C chemokine receptor type 4; CXCR4; C-X-C chemokine receptor type 4; CXC-R4; CXCR-4; FB22; Fusin; HM89; LCR1; Leukocyte-derived seven transmembrane domain receptor; LESTR; NPYRL; Stromal cell-derived factor 1 receptor; SDF-1 receptor; CD antigen CD184

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

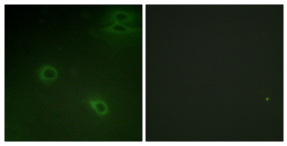
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

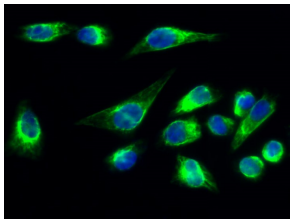
ELISA: 1: 20000

Not yet tested in other applications.

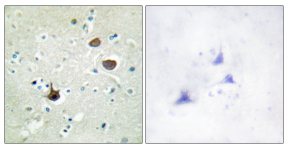
Images



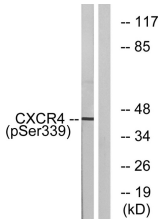
Immunofluorescence analysis of Hela cell. 1,Fusin (phospho Ser339) Polyclonal Antibody(Green) was diluted at 1:200(4°C overnight). 2 DAPI(blue) 10min.



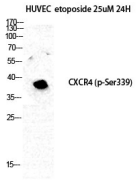
Immunofluorescence analysis of HeLa cells, using CXCR4 (Phospho-Ser339) Antibody. The picture on the right is blocked with the phospho peptide.



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



Western Blot analysis of HuvEc etoposide 25uM 24H cells using Phospho-Fusin (S339) Polyclonal Antibody



Western blot analysis of lysates from HUVEC cells treated with etoposide 25uM 24H, using CXCR4 (Phospho-Ser339) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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