

anti-Human, Mouse CXCR4 Antibody | anti-CXCR4 antibody

CXCR4 (Phospho-Ser339) Antibody

CATALOG # AAA112193	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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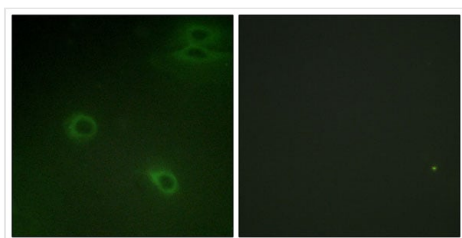
PRODUCT SYNONYMS

CXCR4; CXCR4 (Phospho-Ser339) Antibody; C-X-C chemokine receptor type 4; CCR4; CD184 antigen; CXC-R4; CXCR-4; FB22; Fusin; HM89; LCR1; LESTR; Leukocyte-derived seven transmembrane domain receptor; NPYRL; SDF-1 receptor; Stromal cell-derived factor 1 receptor; anti-CXCR4 antibody

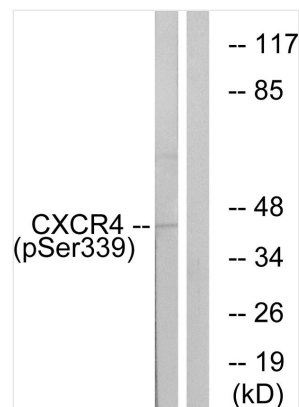
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	CXCR4 (Phospho-Ser339) antibody detects endogenous levels of CXCR4 only when phosphorylated at serine 339.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	356
Applicable Applications for anti-CXCR4 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human CXCR4 around the phosphorylation site of serine 339 (H-S-SP-V-S).
All Sites	Human: Ser339 Mouse: Ser346
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES

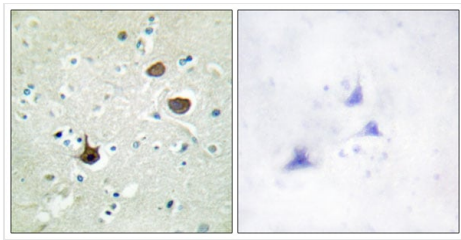


Application Data
P-peptide-+



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain carcinoma tissue using CXCR4 (Phospho-Ser339) antibody. Western blot analysis of extracts from HUVEC cells, treated with etoposide (25uM, 24hours), using CXCR4 (Phospho-Ser339) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-CXCR4 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Herzog H., DNA Cell Biol. 12:465-471(1993). Jazin E.E., Regul. Pept. 47:247-258(1993). Federsppiel B., Genomics 16:707-712(1993).

NCBI AND UNIPROT INFORMATION

NCBI GI #	56790927
NCBI GeneID	7852
NCBI Accession #	NP_001008540.1
NCBI GenBank Nucleotide #	NM_001008540.2
UniProt Accession #	P61073; O60835; P30991; P56438; Q53S69; Q9BXA0; Q9UKN2; B2R5N0
Molecular Weight	40,221 Da
NCBI Official Full Name	C-X-C chemokine receptor type 4 isoform a
NCBI Official Synonym Full Names	C-X-C motif chemokine receptor 4
NCBI Official Symbol	CXCR4
NCBI Official Synonym Symbols	FB22; HM89; LAP3; LCR1; NPYR; WHIM; CD184; LAP-3; LESTR; NPY3R; NPYRL; WHIMS; HSY3RR; NPYY3R; D2S201E
NCBI Protein Information	C-X-C chemokine receptor type 4
UniProt Protein Name	C-X-C chemokine receptor type 4
UniProt Gene Name	CXCR4
UniProt Synonym Gene Names	CXC-R4; CXCR-4; LESTR; LAP-3; LPS-associated protein 3; SDF-1 receptor

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/cxcr4/112193>