Anti-CXCR4 Antibody (F47386)

Catalog No.	Formulation	Size
F47386-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47386-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine, Mouse, Pig, Primate, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P61073
Applications	Western blot: 1:1000
Limitations	This anti-CXCR4 antibody is available for research use only.



Anti-CXCR4 antibody western blot analysis in NCI-H460 lysate. Predicted molecular weight ~40 kDa but may be observed at higher molecular weights due to glycosylation.

Description

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. [provided by RefSeq].

Application Notes

Titration of the anti-CXCR4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 50-79 from the human protein was used as the immunogen for this anti-CXCR4 antibody.

Storage

Aliquot the anti-CXCR4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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