



Catalog: OM641867

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# Anti-CXCR4 antibody

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☐ 100 ul

## Product profile

Product name	Anti-CXCR4 antibody
Antibody Type	Primary Antibodies
Immunogen	Polypeptide

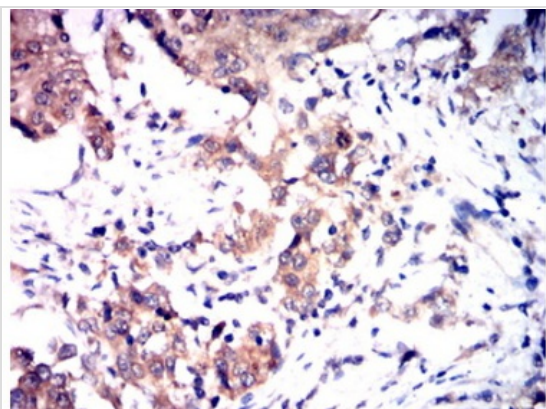
## Key Feature

Clonality	Polyclonal
Isotype	IgG
Host Species	Rabbit
Tested Applications	ELISA ,ICC/IF ,IHC
Species Reactivity	Human Mouse Rat
Concentration	1 mg/ml
Purification	Protein A

## Target Information

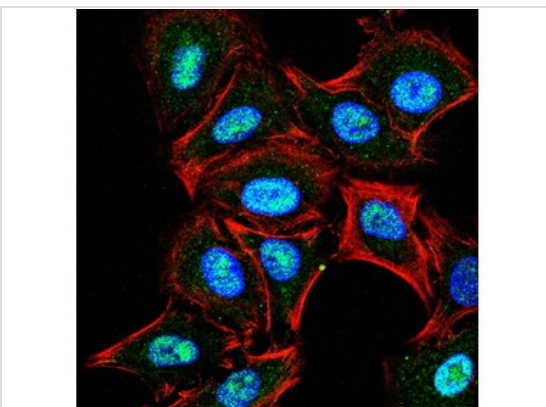
Gene Symbol	CXCR4
Gene Synonyms	FB22; HM89; LAP3; LCR1; NPYR; WHIM; CD184; LAP-3; LESTR; NPY3R; NPYRL; WHIMS; HSY3RR; NPYY3R; WHIMS1; D2S201E
Gene Full Name	C-X-C motif chemokine receptor 4
Gene Summary	This gene encodes a CXC chemokine receptor specific for stromal cell-derived factor-1. The protein 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, Jul 2008]
Source	Rabbit

## Application



### IHC

Immunohistochemical analysis of paraffin-embedded breast cancer tissues using CXCR4 antibody with DAB staining.



### ICC/IF

Immunofluorescence analysis of A549 cells using CXCR4 antibody (green). Blue: DAPI fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.

### Application Notes

IHC:1:200-1:1000

ICC/IF:1:100-1:500

## Additional Information

### Form

Liquid

### Storage Instructions

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C long term. Avoid freeze / thaw cycle

### Storage Buffer

Purified antibody in PBS with 0.05% sodium azide.

### Note

The product is for research use only,not for use in diagnostic or therapeutic procedures.

# OmnimAbs.com

order@Omnimabs.com

506 N. GARFIELD AVE #210 ALHAMBRA, CA 91801

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt