

## Anti-CXCR4 antibody

|                 |   |
|-----------------|---|
| <b>Cat. No.</b> | ml162693  |
| <b>Package</b>  | 25 µl/100 µl/200 µl                                     |
| <b>Storage</b>  | -20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol |

### Product overview

|                     |                                       |
|---------------------|---------------------------------------|
| <b>Description</b>  | Anti-CXCR4 rabbit polyclonal antibody |
| <b>Applications</b> | ELISA, IHC                            |
| <b>Immunogen</b>    | Synthetic peptide of human CXCR4      |
| <b>Reactivity</b>   | Human, Mouse, Rat                     |
| <b>Content</b>      | 0.4 mg/ml                             |
| <b>Host species</b> | Rabbit                                |
| <b>Ig class</b>     | Immunogen-specific rabbit IgG         |
| <b>Purification</b> | Antigen affinity purification         |

### Target information

|                  |   |
|------------------|---|
| <b>Symbol</b>    | CXCR4   |
| <b>Full name</b> | chemokine (C-X-C motif) receptor 4  |
| <b>Synonyms</b>  | FB22; HM89; LAP3; LCR1; NPYR; WHIM; CD184; LAP-3; LESTR; NPY3R; NPYRL; WHIMS; HSY3RR; NPYY3R; D2S201E |
| <b>Swissprot</b> | P61073  |

### Target 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.

订购热线: 4008-898-798

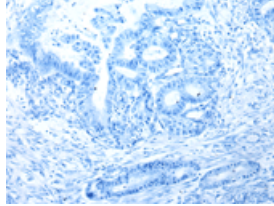
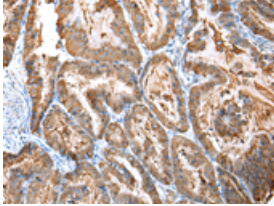
### Applications

#### Immunohistochemistry

Predicted cell location: Cell membrane

Positive control: Human esophagus cancer

Recommended dilution: 25-100

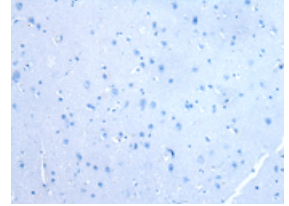


The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml162693(CXCR4 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

Predicted cell location: Cell membrane

Positive control: Human brain

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml162693(CXCR4 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

#### ELISA

Recommended dilution: 2000-5000

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