

## CXCR4 Rabbit mAb

Catalog No: #56063



Package Size: #56063-1 50ul #56063-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	CXCR4 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse
Specificity	CXCR4 Antibody detects endogenous levels of total CXCR4
Immunogen Description	A synthesized peptide derived from human CXCR4
Other Names	CD184 ; CXCR4; C-X-C chemokine receptor type 4; FB22; Fusin; HM89; LCR1; LESTR; NPYRL; SDF-1 receptor; Stromal cell- derived factor 1 receptor;
Accession No.	Uniprot:P61073
Calculated MW	43kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

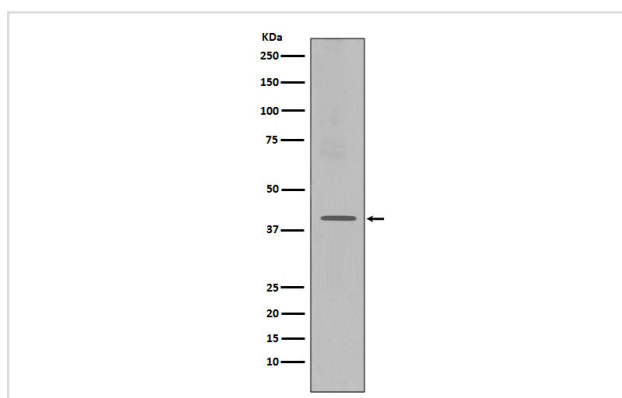
## Application Details

WB: 1:100~1:200

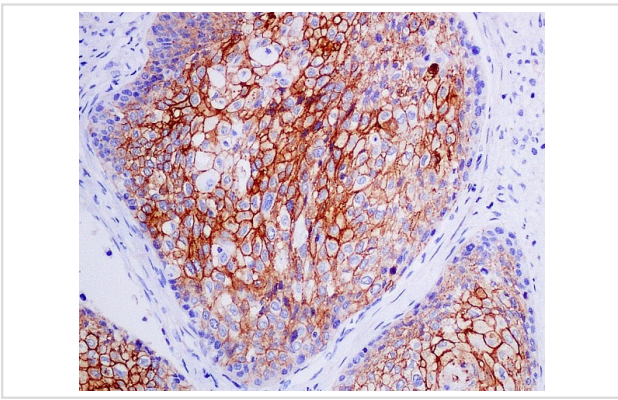
IHC: 1:50~1:200

ICC/IF: 1:50~1:200

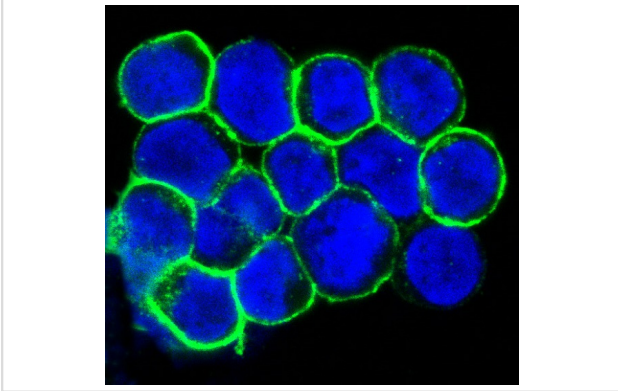
## Images



Western blot analysis of CXCR4 expression in Jurkat cell lysate.



Immunohistochemical analysis of paraffin-embedded human cervical carcinoma, using CXCR4 Antibody.



Immunofluorescent analysis of Jurkat cells, using CXCR4 Antibody .

## Product Description

Receptor for the C-X-C chemokine CXCL12/SDF-1 that transduces a signal by increasing intracellular calcium ions levels and enhancing MAPK1/MAPK3 activation. Acts as a receptor for extracellular ubiquitin; leading to enhance intracellular calcium ions and reduce cellular cAMP levels. Involved in haematopoiesis and in cardiac ventricular septum formation. Plays also an essential role in vascularization of the gastrointestinal tract, probably by regulating vascular branching and/or remodeling processes in endothelial cells. Could be involved in cerebellar development.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.