

Product Name: CXCR7 Mouse Monoclonal Antibody
Catalog #: AMM82877



Summary

Production Name	CXCR7 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,ICC,FC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	CXCR7
Alternative Names	RDC1; CXCR7; RDC-1; CMKOR1; CXC-R7; CXCR-7; GPR159
Gene ID	57007.0
SwissProt ID	P25106.Purified recombinant fragment of human CXCR7(AA: extra mix) expressed in E. Coli.

Application

Dilution Ratio	IHC:1:200-1:1000,ICC:1:50-1:200,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	42kDa

Background

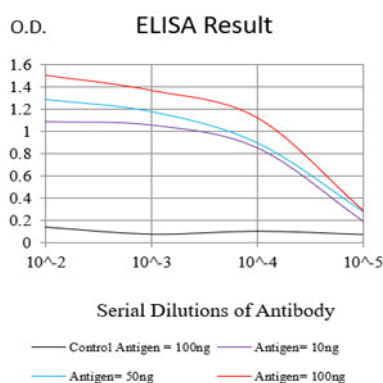
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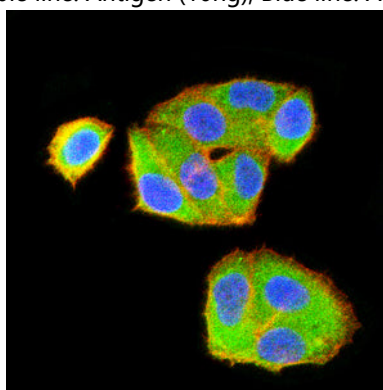
This gene encodes a member of the G-protein coupled receptor family. Although this protein was earlier thought to be a receptor for vasoactive intestinal peptide (VIP), it is now considered to be an orphan receptor, in that its endogenous ligand has not been identified. The protein is also a coreceptor for human immunodeficiency viruses (HIV). Translocations involving this gene and HMGA2 on chromosome 12 have been observed in lipomas.

Research Area

Image Data

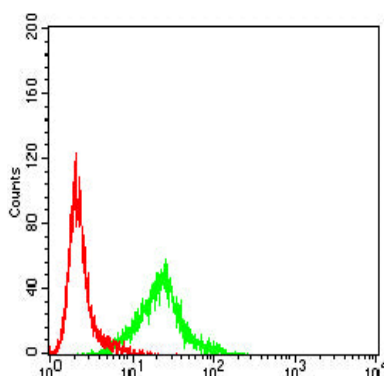


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

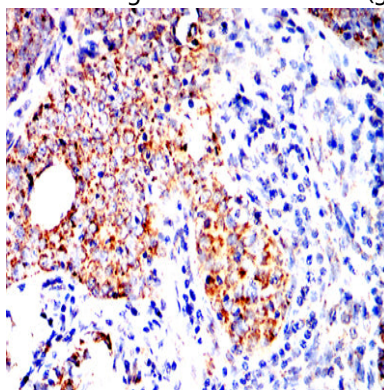


Immunofluorescence analysis of HeLa cells using CXCR7 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

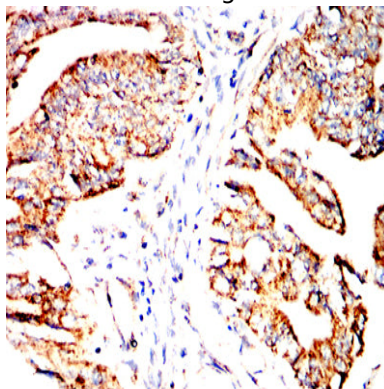
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Flow cytometric analysis of MCF-7 cells using CXCR7 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using CXCR7 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using CXCR7 mouse mAb with DAB staining.

Note

For research use only.