



Catalog: OM276486

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CXCR4 Antibody

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☐ 100ug

Product profile

Product name	CXCR4 Antibody
Antibody Type	Primary Antibodies
Product description	CXCR4, a Chemokine Receptor involved in organ vascularization, neuronal cell migration, and patterning of the central nervous system during development. It binds stromal cell-derived factor 1 (SDF1, also called PBFS) and mediates migration of resting leukocytes and is unique in homing hematopoietic progenitors to bone marrow. These properties suggest that CXCR4 is involved in tumor cell migration and local tumor invasion. It is also an HIV-1 fusion co-factor that allows HIV-1 invasion in diverse human cell types. Although this receptor was initially called Neuropeptide Y3 Receptor, it does not respond to neuropeptide Y. CXCR4 has two isoforms that are produced by alternative splicing.

Key Feature

Clonality	Monoclonal
Isotype	IgG2a
Host Species	Mouse
Tested Applications	FACS ,IF ,IHC
Species Reactivity	Baboon Chimpanzee Human Monkey
Concentration	1 mg/ml
Purification	Affinity purified

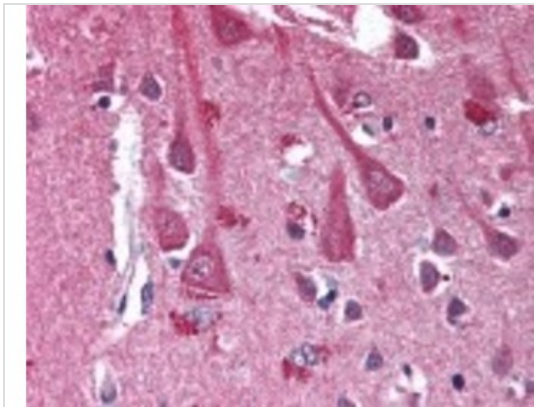
Target Information

Gene Symbol	CXCR4
Alternative Names	CXCR4, CD184, CD184 antigen, Cmkar4, Cxc chemokine receptor 4, CXCR-4, CXC-R4, D2S201E, FB22, Fusin, HM89, LCR1, NPY3R, NPYRL, NPY3R, Npyy3, HSY3RR, SDF-1 receptor, WHIM, C-x-c chemokine receptor 4, LESTR, Neuropeptide Y receptor Y3, NPYR

Database Links

Entrez Gene	7852
Protein Accession	P61073

Application



Application
Immunohistochemistry staining of CXCR4 in brain cortex tissue using CXCR4 monoclonal Antibody.

Application Notes CXCR4 antibody can be used in immunohistochemistry starting at 10 µg/mL.:

Additional Information

Form	Liquid
Storage Instructions	Store CXCR4 antibody at 4 °C, Avoid Freezing
Storage Buffer	PBS, pH 7.2, 0.09% 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

