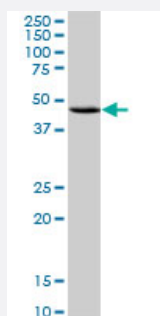


CXCR4 monoclonal antibody (M03), clone 2A9

Catalog # H00007852-M03

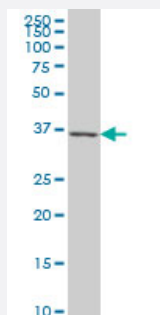
Size 100 ug

Applications



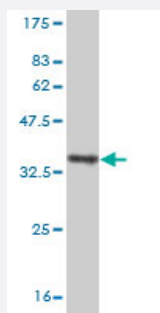
Western Blot (Tissue lysate)

CXCR4 monoclonal antibody (M03), clone 2A9. Western Blot analysis of CXCR4 expression in human skeletal muscle.



Western Blot (Tissue lysate)

CXCR4 monoclonal antibody (M03), clone 2A9. Western Blot analysis of CXCR4 expression in human uterus myoma.



Western Blot detection against Immunogen (30.8 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant CXCR4.

Immunogen	CXCR4 (AAH20968, 1 a.a. ~ 46 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEGISYTSNYTEEMGSGDYDSMKEPCFREENANFNKIFLPTYS
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (30.8 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

CXCR4 monoclonal antibody (M03), clone 2A9. Western Blot analysis of CXCR4 expression in human skeletal muscle.

[Protocol Download](#)

- Western Blot (Tissue lysate)

CXCR4 monoclonal antibody (M03), clone 2A9. Western Blot analysis of CXCR4 expression in human uterus myoma.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CXCR4

Entrez GeneID	7852
GeneBank Accession#	BC020968
Protein Accession#	AAH20968

Gene Name	CXCR4
Gene Alias	CD184, D2S201E, FB22, HM89, HSY3RR, LAP3, LCR1, LESTR, NPY3R, NPYR, NPYRL, NPY3R, WHIM
Gene Description	chemokine (C-X-C motif) receptor 4
Omim ID	162643 193670
Gene Ontology	Hyperlink
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 myelodysplastic syndrome) syndrome. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]
Other Designations	C-X-C chemokine receptor type 4 CD184 antigen chemokine (C-X-C motif), receptor 4 (fusin) chemokine receptor 4 fusin leukocyte-derived seven-transmembrane-domain receptor lipopolysaccharide-associated protein 3 neuropeptide Y receptor Y3 seven transmembrane

Pathway

- [Axon guidance](#)
- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)
- [Endocytosis](#)
- [Leukocyte transendothelial migration](#)

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)

- [Colon cancer](#)
- [Colorectal Neoplasms](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Growth Hormone-Secreting Pituitary Adenoma](#)
- [Hepatitis B](#)
- [HIV Infections](#)
- [Hyperglycemia](#)
- [Liver Neoplasms](#)
- [Lymphatic Metastasis](#)
- [Lymphoma](#)
- [Mouth Neoplasms](#)
- [Multiple Sclerosis](#)
- [Neoplasm Invasiveness](#)
- [Pituitary Neoplasms](#)
- [Thyroid Neoplasms](#)
- [Tumor Virus Infections](#)