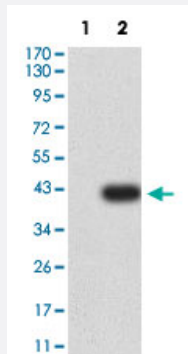


CXCR1 monoclonal antibody, clone 2B8A1

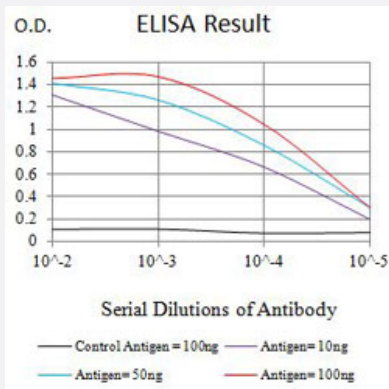
Catalog # MAB21491 Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: CXCR1-hlgGfC transfected HEK293 cell lysates with CXCR1 monoclonal antibody, clone 2B8A1 (Cat # MAB21491).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with CXCR1 monoclonal antibody, clone 2B8A1 (Cat # MAB21491).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human CXCR1.
Immunogen	Recombinant protein corresponding to human CXCR1.
Host	Mouse
Theoretical MW (kDa)	39.8
Reactivity	Human
Form	Liquid

Isotype	IgG2b
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: CXCR1-hlgFc transfected HEK293 cell lysates with CXCR1 monoclonal antibody, clone 2B8A1 (Cat # MAB21491).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with CXCR1 monoclonal antibody, clone 2B8A1 (Cat # MAB21491).

Gene Info — CXCR1

Entrez GeneID	3577
Protein Accession#	P25024
Gene Name	CXCR1
Gene Alias	C-C, C-C-CKR-1, CD128, CD181, CDw128a, CKR-1, CMKAR1, IL8R1, IL8RA, IL8RBA
Gene Description	chemokine (C-X-C motif) receptor 1
Omim ID	146929 609423
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the G-protein-coupled receptor family. This protein is a receptor for interleukin 8 (IL8). It binds to IL8 with high affinity, and transduces the signal through a G-protein activated second messenger system. Knockout studies in mice suggested that this protein inhibits embryonic oligodendrocyte precursor migration in developing spinal cord. This gene, IL8RB, a gene encoding another high affinity IL8 receptor, as well as IL8RBP, a pseudogene of IL8RB, form a gene cluster in a region mapped to chromosome 2q33-q36. [provided by RefSeq]

Other Designations

receptor|alpha|interleukin-8 receptor type 1|interleukin-8 receptor type A

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)
- [Endocytosis](#)
- [Epithelial cell signaling in Helicobacter pylori infection](#)

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Asthma](#)
- [Bacteriuria](#)
- [Biliary Tract Neoplasms](#)
- [Birth Weight](#)
- [Bronchiectasis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Colitis](#)
- [Connective Tissue Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Esophageal Neoplasms](#)

- [Esophagitis](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Helicobacter Infections](#)
- [Hematologic Diseases](#)
- [Hepatitis B](#)
- [Hodgkin Disease](#)
- [Infection](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Leishmaniasis](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphoproliferative Disorders](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Musculoskeletal Diseases](#)
- [Obstetric Labor](#)
- [Occupational Diseases](#)
- [Pain](#)
- [Papillomavirus Infections](#)

- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Pyelonephritis](#)
- [Radiation Injuries](#)
- [Radiation Pneumonitis](#)
- [Skin Diseases](#)
- [Stomach Neoplasms](#)
- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Urinary Tract Infections](#)
- [Uterine Cervical Neoplasms](#)
- [Uveitis](#)
- [Vesico-Ureteral Reflux](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)