

趋化因子受体 1 抗体

产品货号： mlR21404

英文名称： CX3CR1

中文名称： 趋化因子受体 1 抗体

别名： Beta chemokine receptor-like 1; C X3 C CKR 1; CCRL1; Chemokine C X3 C motif receptor 1; CMK BRL 1; CMKBLR1; CMK-BRL-1; CMKDRL1; CX3C chemokine receptor 1; CX3C CKR1; Fractalkine Receptor; GPR13; GPRV28; V28; Chemokine receptor 1(chemokine (C-X3-C motif) receptor 1; C-X3-C CKR-1; CX3C1_HUMAN; CX3CR1; G-protein coupled receptor 13.

研究领域： 肿瘤 免疫学 神经生物学 细胞粘附分子

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Mouse, Rat,

产品应用： WB=1:500-2000 ELISA=1:500-1000

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量 : 39kDa

细胞定位 : 细胞膜

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from mouse CX3CR1:1-100/354 <Extracellular>

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍： Fractalkine is a transmembrane protein and chemokine involved in the adhesion and migration of leukocytes. The protein encoded by this gene is a receptor for fractalkine. The encoded protein also is a coreceptor for HIV-1, and some variations in this gene lead to increased susceptibility to HIV-1 infection and rapid progression to AIDS. Four transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jan 2010]

Function:

Receptor for the CX3C chemokine fractalkine and mediates both its adhesive and migratory functions. Acts as coreceptor with CD4 for HIV-1 virus envelope protein (in vitro). Isoform 2 and isoform 3 seem to be more potent HIV-1 coreceptors than isoform 1.

Subunit:

Interacts with human respiratory syncytial virus (HRSV) protein G; this interaction modulates host immune response. Interacts with HIV-1 envelope polyprotein gp160.

Subcellular Location:

Cell membrane; Multi-pass membrane protein.

Tissue Specificity:

Expressed in lymphoid and neural tissues.

DISEASE:

Age-related macular degeneration 12 (ARMD12) [MIM:613784]: A form of age-related macular degeneration, a multifactorial eye disease and the most common cause of irreversible vision loss in the developed world. In most patients, the disease is manifest as ophthalmoscopically visible yellowish accumulations of protein and lipid that lie beneath the retinal pigment epithelium and within an elastin-containing structure known as Bruch membrane. Note=Disease susceptibility is associated with variations affecting the gene represented in this entry.

Similarity:

Belongs to the G-protein coupled receptor 1 family.

SWISS:

Q9Z0D9

Gene ID:

13051

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.