



CKR-3 Monoclonal Antibody

Catalog No	YP-mAb-13725
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CCR3
Immunogen	The antiserum was produced against synthesized peptide derived from the N-terminal region of human CCR3. AA range:1-50
Specificity	CKR-3 Monoclonal Antibody detects endogenous levels of CKR-3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CKR-3;CCR3;C-C chemokine receptor type 3;CMKBR3;C-C CKR-3;CC-CKR-3;CCR-3;CKR3;Eosinophil eotaxin receptor;CD193
Observed Band	41kD
Calculated Molecular Weight	41kD
Cell Pathway	Cell membrane; Multi-pass membrane protein .
Tissue Specificity	In eosinophils as well as trace amounts in neutrophils and monocytes.
Function	function:Receptor for a C-C type chemokine. Binds to eotaxin, eotaxin-3, MCP-3, MCP-4, RANTES and MIP-1 delta. Subsequently transduces a signal by increasing the intracellular calcium ions level. Alternative coreceptor with CD4 for HIV-1 infection.,online information:CC chemokine receptors entry, similarity:Belongs to the G-protein coupled receptor 1 family.,subunit:Binds to HIV-1 Tat.,tissue specificity:In eosinophils as well as trace amounts in neutrophils and monocytes.,
Background	The protein encoded by this gene is a receptor for C-C type chemokines. It belongs to family 1 of the G protein-coupled receptors. This receptor binds and responds to a variety of chemokines, including eotaxin (CCL11), eotaxin-3



(CCL26), MCP-3 (CCL7), MCP-4 (CCL13), and RANTES (CCL5). It is highly expressed in eosinophils and basophils, and is also detected in TH1 and TH2 cells, as well as in airway epithelial cells. This receptor may contribute to the accumulation and activation of eosinophils and other inflammatory cells in the allergic airway. It is also known to be an entry co-receptor for HIV-1. This gene and seven other chemokine receptor genes form a chemokine receptor gene cluster on the chromosomal region 3p21. Alternatively spliced transcript variants have been described. [provided by RefSeq, Sep 2009],

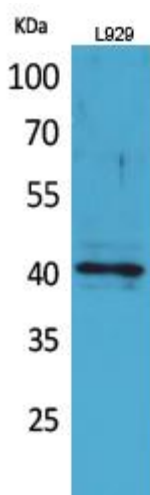
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using CKR-3 Monoclonal Antibody