



CKR-6 Monoclonal Antibody

Catalog No	YP-mAb-13752
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CCR6
Immunogen	The antiserum was produced against synthesized peptide derived from the N-terminal region of human CCR6. AA range:1-50
Specificity	CKR-6 Monoclonal Antibody detects endogenous levels of CKR-6 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	CCR-6;KY411;Cmkbr6;CC-CKR-6;CKR-6;CCR6;C-C chemokine receptor type 6; CKRL3;GPR29;STRL22;C-C CKR-6;Chemokine receptor-like 3;CKR-L3;DRY6; G-protein coupled receptor 29;GPR-CY4;GPRCY4;LARC receptor;CD196
Observed Band	42kD
Calculated Molecular Weight	42kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein . Cell surface .
Tissue Specificity	Sperm. Mainly localized in the tail and in the postacrosomal region but is also found in the midpiece and basal region in a small percentage of sperm cells. Reduced levels found in the sperms of asthenozoospermia and leukocytospermia patients (at protein level). Spleen, lymph nodes, appendix, and fetal liver. Expressed in lymphocytes, T-cells and B-cells but not in natural killer cells, monocytes or granulocytes.
Function	caution:It is uncertain whether Met-1 or Met-6 is the initiator.,domain:Contains a RS region (arginine-serine dipeptide repeat) within the C-terminal domain which is the hallmark of the SR family of splicing factors. This region probably plays a role in protein-protein interactions.,function:Receptor for a C-C type chemokine. Binds to MIP-3-alpha/LARC and subsequently transduces a signal by increasing



the intracellular calcium ions level.,function:Transcriptional regulator which participates in regulating the pre-mRNA splicing process. Also modulates the expression of critical apoptotic factor, leading to cell apoptosis.,induction:By interleukin-2.,online information:CC chemokine receptors entry, similarity:Belongs to the cyclin family. Cyclin L subfamily.,similarity:Belongs to the G-protein coupled receptor 1 family.,subunit:Interacts with CDC2L1 or CDC2L2, SFRS2, SFRS7 and POLR2A, the h

Background

This gene encodes a member of the beta chemokine receptor family, which is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. The gene is preferentially expressed by immature dendritic cells and memory T cells. The ligand of this receptor is macrophage inflammatory protein 3 alpha (MIP-3 alpha). This receptor has been shown to be important for B-lineage maturation and antigen-driven B-cell differentiation, and it may regulate the migration and recruitment of dendritic and T cells during inflammatory and immunological responses. Alternatively spliced transcript variants that encode the same protein have been described for this gene. [provided by RefSeq, Jul 2008],

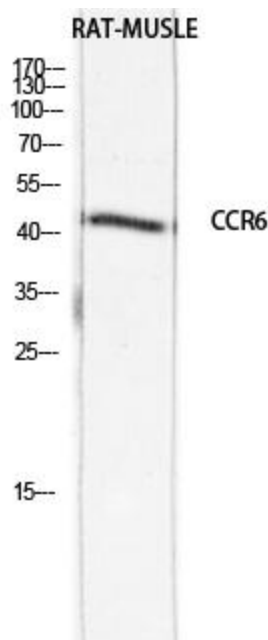
matters needing attention

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 CCR6 Monoclonal Antibody