

Monoclonal Antibody to CD196/CCR6 - Purified

Alternate names:	C-C CKR-6, C-C chemokine receptor type 6, CC-CKR-6, CCR-6, CKRL3, CMKBR6, Chemokine receptor-like 3, DRY6, G-protein coupled receptor 29, GPR-CY4, GPR29, LARC receptor, STRL22
Catalog No.:	AM03124PU-S
Quantity:	50 µl
Concentration:	1.0 mg/ml
Background:	CCR6 is 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. CCR6 has been reported to be expressed in intestine, colon, liver, lymph node, spleen, lung, blood, umbilical cord, placenta, skin, and pancreas. It has also been reported to be expressed in lymphocytes, T cells, and B cells.
Uniprot ID:	P51684
NCBI:	NP_004358.2
GeneID:	1235
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	4C6
Immunogen:	Recombinant human CCR6 (1-46aa)
Format:	State: Liquid purified Ig fraction Purification: Protein-G affinity chromatography Buffer System: PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol
Applications:	ELISA. Western blot (1/500-1/1,000). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects Human CCR6. Other species not tested.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings: 1. Singh SP, et al. (2008) J Immunol. 180(1):214-21.
2. Wen H, et al. (2007) Eur J Immunol. 37(9):2487-89.

Pictures: **Western blot analysis on Raji cells:** Cell lysates of Raji (30 ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human CCR6 (1:500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

