

CCR6 polyclonal antibody

Catalog # PAB8939

Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CCR6.
Immunogen	A synthetic peptide corresponding to amino acids 17-36 of human CCR6.
Sequence	DYFVSVNTSYYSVDSEMLLC
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western Blot (1:500) Immunoprecipitation (1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 0.02% sodium azide
Storage Instruction	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
- Immunoprecipitation

Gene Info — CCR6

Entrez GeneID	1235
Gene Name	CCR6
Gene Alias	BN-1, CD196, CKR-L3, CKR6, CKRL3, CMKBR6, DCR2, DRY-6, GPR-CY4, GPR29, GPRCY4, STRL22
Gene Description	chemokine (C-C motif) receptor 6
Omim ID	601835
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	G protein-coupled receptor 29 OTTHUMP00000017618 OTTHUMP00000017619 chemokine (C-C) receptor 6 chemokine receptor-like 3 seven-transmembrane receptor, lymphocyte, 22

Publication Reference

- [Tracing functional antigen-specific CCR6 Th17 cells after vaccination.](#)

Potzl J, Botteron C, Tausch E, Pedre X, Mueller AM, Mannel DN, Lechner A.

PLoS One 2008 Aug; 3(8):e2951.

Application: Flow Cyt, Mouse, Mouse T cells

- [Resistance of chemokine receptor 6-deficient mice to Yersinia enterocolitica infection: evidence of defective M-cell formation in vivo.](#)

Westphal S, Luger A, von Wedel J, von Eiff C, Maaser C, Spahn T, Heusipp G, Schmidt MA, Herbst H, Williams IR, Domschke W, Kucharzik T.

The American Journal of Pathology 2008 Mar; 172(3):671.

- [Preferential recruitment of CCR6-expressing Th17 cells to inflamed joints via CCL20 in rheumatoid arthritis and its animal model.](#)

Hirota K, Yoshitomi H, Hashimoto M, Maeda S, Teradaira S, Sugimoto N, Yamaguchi T, Nomura T, Ito H, Nakamura T, Sakaguchi N, Sakaguchi S.

The Journal of Experimental Medicine 2007 Nov; 204(12):2803.

Application: Flow Cyt, Func, Mouse , SKG LN cells

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Arthritis](#)
- [Birth Weight](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Crohn Disease](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [HIV Infections](#)
- [Inflammatory Bowel Diseases](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Tobacco Use Disorder](#)

- [Vitiligo](#)