CCR9 rabbit monoclonal antibody

Catalog # H00010803-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CCR9 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CCR9 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CCR9 peptide by ELISA and mammalian transfected lysate by We stern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — CCR9

Entrez GeneID	10803
GeneBank Accession#	CCR9
Gene Name	CCR9
Gene Alias	CDw199, GPR-9-6, GPR28
Gene Description	chemokine (C-C motif) receptor 9
Omim ID	604738
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the beta chemokine receptor family. It is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. Chemokines and their receptors are key regulators of the thymocytes migration and maturation in normal and inflammation conditions. The specific ligand of this receptor is CCL25. It has been found that this gene is differentially expressed by T lymphocytes of small intestine and colon, suggested a role in the thymocytes recruitment and development that may permit functional specialization of immune responses in different segment of the gastrointestinal tract. This gene is mapped to the chemokine receptor gene cluster region. Two alternatively spliced transcript variants have been described. [provided by RefSeq
Other Designations	G protein-coupled receptor 28|OTTHUMP00000164653|OTTHUMP00000164654

Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction

Disease

- Birth Weight
- Genetic Predisposition to Disease
- Glioblastoma

- Glioma
- Graft vs Host Disease
- HIV Infections
- Leukemia
- Meningeal Neoplasms
- Meningioma
- Skin Diseases