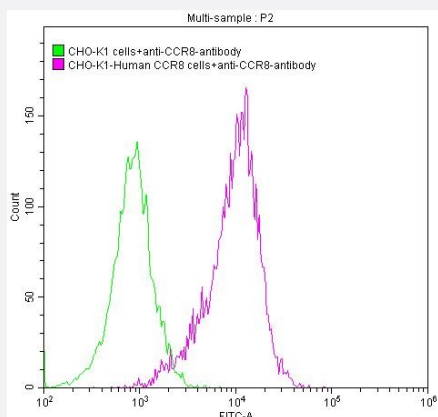


RecomAb™

# CCR8 recombinant monoclonal antibody, clone 4A19

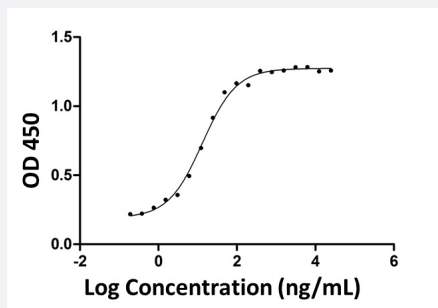
Catalog # RAB07553      Size 100 uL

## Applications



### Flow Cytometry

Flow cytometry analysis of untransfected CHO-K1 cells (green line) and transfected human CCR8 CHO-K1 stable cells (red line) stained with CCR8 recombinant monoclonal antibody, clone 4A19 (Cat # RAB07553) (2ug/1\*10<sup>6</sup>cells). The cells were washed and then followed by FITC-conjugated anti-Human IgG Fc antibody.



The ELISA results show that the binding activity of CCR8 with CCR8 recombinant monoclonal antibody, clone 4A19 (Cat # RAB07553). Immobilized human CCR8 (CSB-MP004847HU) at 5 ug/mL can bind CCR8 recombinant monoclonal antibody, clone 4A19 (Cat # RAB07553), the EC<sub>50</sub> is 11.20-15.63 ng/mL.

## Specification

Product Description	Human recombinant monoclonal antibody raised against human CCR8.
Antibody Species	Human
Immunogen	Original antibody is raised against recombinant protein of human CCR8.
Reactivity	Human
Form	Liquid

<b>Purification</b>	Affinity chromatography purification
<b>Isotype</b>	IgG1
<b>Quality Control Testing</b>	<p>Binding activity</p> <p>The ELISA results show that the binding activity of CCR8 with CCR8 recombinant monoclonal antibody, clone 4A19 (Cat # RAB07553). Immobilized human CCR8 (CSB-MP004847HU) at 5 ug/mL can bind CCR8 recombinant monoclonal antibody, clone 4A19 (Cat # RAB07553), the EC<sub>50</sub> is 11.20-15.63 ng/mL.</p>
<b>Recommend Usage</b>	<p>ELISA</p> <p>Flow Cytometry(1:20-1:200)</p> <p>The optimal working dilution should be determined by the end user.</p>
<b>Storage Buffer</b>	In PBS, pH7.4 (0.03% Proclin 300 and 50% glycerol)
<b>Storage Instruction</b>	<p>Store at -20°C or -80°C.</p> <p>Aliquot to avoid repeated freezing and thawing.</p>

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Flow Cytometry

Flow cytometry analysis of untransfected CHO-K1 cells (green line) and transfected human CCR8 CHO-K1 stable cells (red line) stained with CCR8 recombinant monoclonal antibody, clone 4A19 (Cat # RAB07553)(2ug/1\*10<sup>6</sup>cells). The cells were washed and then followed by FITC-conjugated anti-Human IgG Fc antibody.

## Gene Info — CCR8

<b>Entrez GeneID</b>	<a href="#">1237</a>
<b>Protein Accession#</b>	<a href="#">P51685</a>
<b>Gene Name</b>	CCR8
<b>Gene Alias</b>	CDw198, CKR-L1, CKRL1, CMKBR8, CMKBRL2, CY6, GPR-CY6, MGC129966, MGC129973, TER1
<b>Gene Description</b>	chemokine (C-C motif) receptor 8
<b>Omim ID</b>	<a href="#">601834</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

**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. Chemokines and their receptors are important for the migration of various cell types into the inflammatory sites. This receptor protein preferentially expresses in the thymus. I-309, thymus activation-regulated cytokine (TARC) and macrophage inflammatory protein-1 beta (MIP-1 beta) have been identified as ligands of this receptor. Studies of this receptor and its ligands suggested its role in regulation of monocyte chemotaxis and thymic cell apoptosis. More specifically, this receptor may contribute to the proper positioning of activated T cells within the antigenic challenge sites and specialized areas of lymphoid tissues. This gene is located at the chemokine receptor gene cluster region. [provided by RefSeq]

**Other Designations**

CC chemokine receptor 8|CC-chemokine receptor chemr1|chemokine (C-C) receptor 8|chemokine (C-C) receptor-like 2

## Pathway

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

## Disease

- [Birth Weight](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)