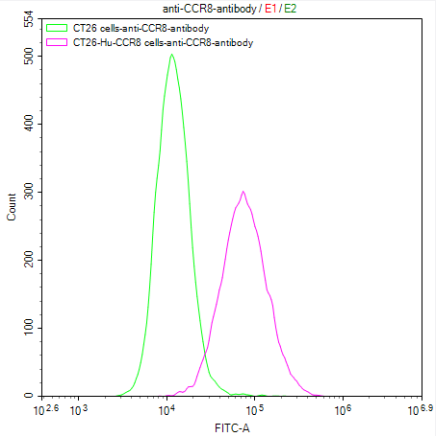
Human CCR8 Overexpression CT26 Cell Line

Catalog # U0620 Size

Applications



Flow Cytometry

Untransfected CT26 cells (green line) and transfected Human CCR8 CT26 Stable cells (red line) were stained with anti-CCR8 antibody, washed and then followed by FITC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.

Specification

Product Description	Human CCR8 CT26 Stable Cell Line
Transfected Cell Line	CT26 cell
Host	Mouse
Form	Liquid
Recommend Usage	ELISA Flow Cytometry
Growth Properties	Adherent
Selection Marker	Puromycin
Culture Medium	RPMI 1640 + 10% FBS + 10 ug/mL Puromycin
Storage Buffer	35% FBS, 55% RPMI 1640, 10% DMSO

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Storage Instruction	Store at -80°C. For long term storage store at liquid nitrogen storage. Aliquot to avoid repeated freezing and thawing.
Note	FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES OR THERAPEUTIC APPLICATIONS.

Applications

- Flow Cytometry

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Gene Info — CCR8

Entrez GeneID	1237
Protein Accession#	P51685
Gene Name	CCR8
Gene Alias	CDw198, CKR-L1, CKRL1, CMKBR8, CMKBRL2, CY6, GPR-CY6, MGC129966, MGC129973, TER1
Gene Description	chemokine (C-C motif) receptor 8
Omim ID	601834
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. 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

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- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction

Disease

- Birth Weight
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- Leukemia
- Meningeal Neoplasms
- Meningioma

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