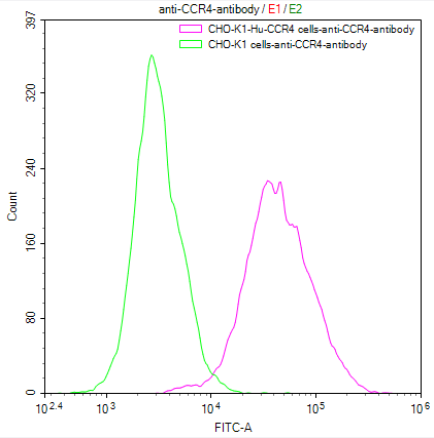
# Human CCR4 Overexpression CHOK1 Cell Line

Catalog # U0622 Size

## Applications




### Flow Cytometry

Untransfected CHO-K1 cells (green line) and transfected Human CCR4 CHO-K1 stable cells (red line) were stained with anti-CCR4 antibody, washed and then followed by FITC-conjugated anti-Mouse IgG Fc antibody and analyzed with flow cytometry.

## Specification

| | |
|---|---|
| **Product Description** | Human CCR4 CHOK1 Stable Cell Line |
| **Transfected Cell Line** | CHOK1 cell |
| **Host** | Hamster |
| **Form** | Liquid |
| **Recommend Usage** | ELISA<br>Flow Cytometry |
| **Growth Properties** | Adherent |
| **Selection Marker** | Puromycin |
| **Culture Medium** | F-12K + 10% FBS + 10 ug/mL Puromycin |
| **Storage Buffer** | 35% FBS, 55% F-12K, 10% DMSO |

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| | |
|---|---|
| **Storage Instruction** | Store at -80°C. For long term storage store at liquid nitrogen storage.<br>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 — CCR4

| | |
|---|---|
| **Entrez GeneID** | 1233 |
| **Protein Accession#** | P51679 |
| **Gene Name** | CCR4 |
| **Gene Alias** | CC-CKR-4, CD194, CKR4, CMKBR4, ChemR13, HGCN:14099, K5-5, MGC88293 |
| **Gene Description** | chemokine (C-C motif) receptor 4 |
| **Omim ID** | 604836 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The protein encoded by this gene belongs to the G-protein-coupled receptor family . It is a receptor for the CC chemokine - MIP-1, RANTES, TARC and MCP-1. Chemokines are a group of small polypeptide, structurally related molecules that regulate cell trafficking of various types of leukocytes. The chemokines also play fundamental roles in the development, homeostasis, and function of the immune system, and they have effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis. [provided by RefSeq |
| **Other Designations** | chemokine (C-C) receptor 4 |

## Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction

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## Disease

- Asthma
- Birth Weight
- Cardiovascular Diseases
- Dermatitis
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- Leukemia
- Meningeal Neoplasms
- Meningioma

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