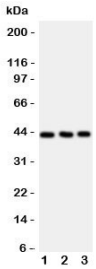
# CCR9 Antibody (R31235)

| Catalog No. | Formulation | Size |
|---|---|---|
| R31235 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity |
| **Buffer** | Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal |
| **UniProt** | P51686 |
| **Applications** | Western blot: 0.5-1ug/ml |
| **Limitations** | This CCR9 antibody is available for research use only. |




Western blot testing of CCR9 antibody and Lane 1: Jurkat; 2: HeLa; 3: SMMC-7721 cell lysate. Expected/observed size ~43KD

## Description

C-C chemokine receptor type 9, also called GPR-9-6 or CDw199, is a protein that in humans is encoded by the CCR9 gene. The protein encoded by this gene is a member of the beta chemoking receptor family. By radiation hybrid analysis and organization of BAC contigs by FISH on combed genomic DNA, the gene within the CCR cluster was localized at 3p21.3. It is the receptor for chemokine SCYA25/TECK. This gene subsequently transduces a signal by increasing the intracellular calcium ions level. It is an alternative coreceptor with CD4 for HIV-1 infection. CCR9 may play a role in the thymocytes recruitment and development that may permit functional specialization of immune responses in different segment of the gastrointestinal tract.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the CCR9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the N-terminus of human CCR9 (MTPTDFTSPIPNMADDY) was used as the immunogen for this CCR9 antibody.

## Storage

After reconstitution, the CCR9 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.


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