

**CCR8 Antibody**  
**Catalog # ASC10056****Specification**

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**CCR8 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">U45983</a>
Other Accession	<a href="#">U45983</a> , <a href="#">2231165</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	50 kDa KDa
Application Notes	CCR8 antibody can be used for detection of CCR8 by Western blot 0.5 µg/mL. An approximately 50 kDa band can be detected.

**CCR8 Antibody - Additional Information**

Gene ID 1237

**Other Names**

CCR8 Antibody: CY6, TER1, CCR-8, CKRL1, CDw198, CMKBR8, GPRCY6, CMKBRL2, CC-CKR-8, chemokine (C-C motif) receptor 8

**Target/Specificity**

CCR8;

**Reconstitution & Storage**

CCR8 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

**Precautions**

CCR8 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

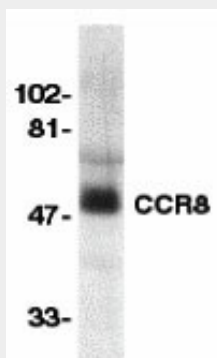
**CCR8 Antibody - Protein Information****CCR8 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## CCR8 Antibody - Images



Western blot analysis of CCR8 in human spleen lysate with CCR8 antibody at 1:500 dilution.

## CCR8 Antibody - Background

CCR8 Antibody: CCR8 is one of the chemokine receptors that are required as coreceptors for HIV infection. The genes encoding human and murine CCR8 were cloned and designated TER1, CKR-L1, and ChemR1. The encoded seven transmembrane protein was identified as the receptor for human CC chemokine I-309 and renamed CCR8. Recently, CCR8 was found to serve as a coreceptor for diverse T-cell tropic, dual-tropic and macrophage-tropic HIV-1 strains. CCR8 mediates CC chemokine I-309 induced monocyte chemoattraction and HIV-1 envelope fusion and virus infection, which can be prevented by the CCR8 ligand I-309. CCR8 is expressed in spleen, thymus and T lymphoblastic cell lines.

## CCR8 Antibody - References

- Napolitano M, Zingoni A, Bernardini G, Spinetti G, Nista A, Storlazzi CT, Rocchi M, Santoni A. Molecular cloning of TER1, a chemokine receptor-like gene expressed by lymphoid tissues. *J Immunol* 1996;157:2759-63
- Zaballos A, Varona R, Gutierrez J, Lind P, Marquez G. Molecular cloning and RNA expression of two new human chemokine receptor-like genes. *Biochem Biophys Res Commun* 1996;227:846-53
- Samson M, Stordeur P, Labbe O, Soularue P, Vassart G, Parmentier M. Molecular cloning and chromosomal mapping of a novel human gene, ChemR1, expressed in T lymphocytes and polymorphonuclear cells and encoding a putative chemokine receptor. *Eur J Immunol* 1996;26:3021-8
- Goya I, Gutierrez J, Varona R, Kremer L, Zaballos A, Marquez G. Identification of CCR8 as the specific receptor for the human  $\beta$ -chemokine I-309: cloning and molecular characterization of murine CCR8 as the receptor for TCA-3. *J Immunol* 1998;160:1975-81