

CCR8 Antibody

Catalog # ASC10056

Product Information

Application	WB, E
Primary Accession	U45983
Other Accession	U45983 , 2231165
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	50 kDa
Conjugate	Unconjugated
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.

Additional Information

Gene ID	1237
Other Names	CCR8 Antibody: CY6, TER1, CCR-8, CKRL1, CDw198, CMKBR8, GPRCY6, CMKBRL2, CC-CCR-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.

Protein Information

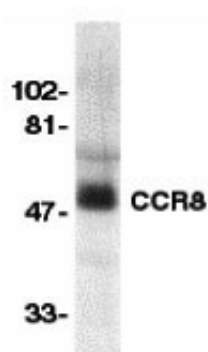
Background

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.

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 β -chemokine I-309: cloning and molecular characterization of murine CCR8 as the receptor for TCA-3. *J Immunol* 1998;160:1975-81

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.