

Datasheet for ABIN6990287
anti-CCR8 antibody (AA 170-220)



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Overview

Quantity:	0.1 mg
Target:	CCR8
Binding Specificity:	AA 170-220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCR8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	CCR8 antibody was raised against a 19 amino acid peptide near the center of human CCR8. The immunogen is located within amino acids 170 - 220 of CCR8.
Isotype:	IgG
Purification:	CCR8 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	CCR8
Alternative Name:	CCR8 (CCR8 Products)
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

Target Details

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.

Molecular Weight: 50 kDa

Gene ID: 1237

Application Details

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.

Antibody validated: Western Blot in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: CCR8 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: 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.