

Anti-C-C chemokine receptor type 8 CCR8 Antibody

Catalog Number: A03518

About CCR8

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.

Overview

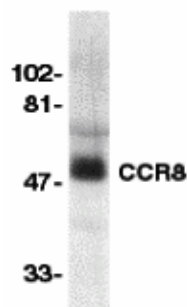
Product Name	Anti-C-C chemokine receptor type 8 CCR8 Antibody
Reactive Species	Human
Description	Boster Bio Anti-C-C chemokine receptor type 8 CCR8 Antibody (Catalog # A03518). Tested in ELISA, WB applications. This antibody reacts with Human.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	CCR8 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	CCR8 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	U45983

Technical 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.
Predicted Reactive Species	Chicken, Mouse
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	CCR8 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	CCR8 antibody can be used for detection of CCR8 by Western blot 0.5 ug/mL. An approximately 50 kDa band can be detected.

Antibody validated: Western Blot in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-C-C chemokine receptor type 8 CCR8 Antibody (A03518) Images



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

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