

CCR8 Antibody

Catalog No: #24057

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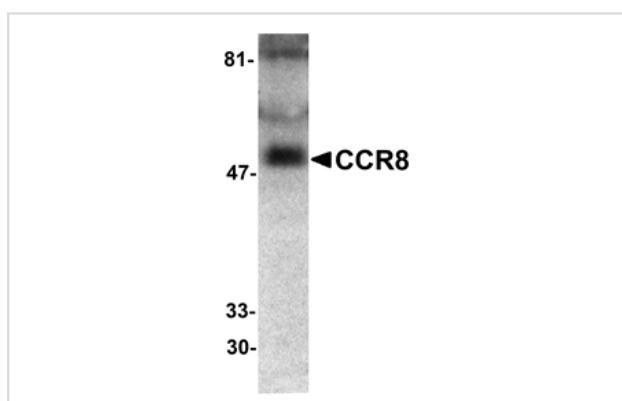
Description

| | |
|-----------------------|---|
| Product Name | CCR8 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Affinity chromatography purified via peptide column |
| Applications | ELISA WB |
| Species Reactivity | Hu |
| Immunogen Type | Peptide |
| Immunogen Description | Raised against a peptide corresponding to amino acids 183 to 201 of human CCR8, which locate in. The second extracellular loop. |
| Target Name | CCR8 |
| Accession No. | U45983 |
| Uniprot | U45983 |
| Concentration | 1mg/ml |
| Formulation | Supplied in PBS containing 0.02% sodium azide. |
| Storage | Can be stored at -20°C, stable for 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. |

Application Details

Predicted MW: 50 kd

Images



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

Background

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.

Note: This product is for in vitro research use only