

## Anti-CCR8 Antibody

### **ORDERING INFORMATION**

**Catalog No.:** 2097

**Size:** 100 ug IgG in PBS, pH 7.4, purified by immunoaffinity chromatography.

### **BACKGROUND**

CCR8 is one of the chemokine receptors that are required as co-receptors for HIV infection. The genes encoding human and murine CCR8 have been 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. CCR8 is expressed in spleen, thymus, and T lymphoblastic cell lines.

### **SPECIFICATION SUMMARY**

**Antigen:** Peptide corresponding to aa 183-201 of human CCR8 which is located in the second extracellular loop.

**Host Species:** Rabbit

**Stabilizers:** None

**Preservatives:** 0.02% sodium azide.

### **SPECIFICITY**

This antibody recognizes human CCR8 (50 kD).

### **APPLICATIONS**

*Immunoblotting:* use at 1:500-1:1,000 dilution.

*Positive control:* Tissue lysate from human spleen.

### **DILUTION INSTRUCTIONS**

Dilute in PBS or medium which is identical to that used in the assay system.

### **STORAGE AND STABILITY**

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

*For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.*