

## CCR8 (EL) Polyclonal Antibody

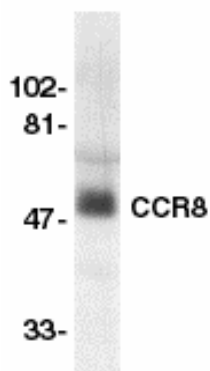
Product Specifications	
<b>Catalog Number:</b>	905-278
<b>Host:</b>	Rabbit
<b>Species Reactivity:</b>	Human
<b>Predicted m.w:</b>	~50 kDa
<b>Applications:</b> <i>The optimal dilution for a specific application must be determined by the investigator</i>	<b>WB:</b> 1:500 to 1:1000
<b>Concentration:</b>	See product label
<b>Purification:</b>	Peptide Affinity
<b>Format:</b>	PBS, 0.02% sodium azide
<b>Storage:</b> <i>Shipping conditions may differ from the recommended storage temperature</i>	Store at 4°C
<b>Immunogen:</b>	Synthetic peptide derived from the sequence of the second extracellular loop (EL) of human CCR8
<b>Related Products :</b>	
SAB-300	Goat anti-Rabbit IgG Polyclonal Antibody, HRP Conjugate
905-277	CCR5 (NT) Polyclonal Antibody
905-279	CX3CR1 (EL) Polyclonal Antibody
905-280	CX3CR1 (NT) Polyclonal Antibody
905-285	Eotaxin (CT) Polyclonal Antibody

### Background:

CCR8 (TER1, CKR-L1, ChemR1) represents one of the required chemokine receptors for HIV infection<sup>1-4</sup>. The encoded seven transmembrane protein emerged as the receptor for human CC chemokine I-309 and was subsequently renamed CCR8. Researchers recently identified CCR8 as a coreceptor for diverse T-cell tropic, dual-tropic and macrophage-tropic HIV-1 strains<sup>5</sup>. CCR8 mediates CC chemokine I-309 induced monocyte chemoattraction as well as HIV-1 envelope fusion and virus infection, the latter prevented by the CCR8 ligand I-309. CCR8 expression occurs in spleen, thymus and T lymphoblastic cell lines.

#### References:

1. Napolitano, M., *et al.* (1996) J Immunol. **57**, 2759-2763.
2. Zaballos, A., *et al.* (1996) Biochem Biophys Res Commun. **227**, 846-853.
3. Samson, M., *et al.* (1996) J Immunol. **26**, 3021-3028.
4. Goya, I., *et al.* (1998) J Immunol. **160**, 1975-1981.
5. Horuk, R., *et al.* (1998) J Biol Chem. **273**, 386-391.



Western blot analysis of human spleen lysate probed with CCR8 (EL) Polyclonal Antibody at 1:500 dilution

**FOR RESEARCH USE ONLY; NOT FOR THERAPEUTIC OR DIAGNOSTIC USE**

5777 Hines Drive • Ann Arbor, MI • 48108 | Tel: 800-833-8651 or 800-668-6113 | Fax: 734-668-2793  
[www.assaydesigns.com](http://www.assaydesigns.com) | [orders@assaydesigns.com](mailto:orders@assaydesigns.com) | [technical@assaydesigns.com](mailto:technical@assaydesigns.com)

Last Revised: 5/5/2008