

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



CCR7 (R209) Peptide

Cat No.: BS2770P

Background

C-C chemokine receptor family members include CKR-1, CKR-2A, CKR-2B, CKR-3, CKR-4, CKR-5, CKR-6, CKR-7 and the Duffy blood group antigen. Each of these receptors are G protein-coupled, seven pass transmembrane domain proteins whose major physiological role is to function in the chemotaxis of T cells and phagocytic cells to areas of inflammation. However, this receptor family has also been shown to facilitate viral infection. Termed a “co-receptor”, CKR-5, along with CD4, has been shown to be a major receptor for HIV. CKR-5 tends to associate with macrophagetropic viruses, such as macrophage tropic HIV-1, while CKR-2B and CKR-3 bind a minority of viruses.

Swiss-Prot

P32248

Applications

Blocking

Specificity

This peptide can be used with studies using BS2770 CCR7 (R209) pAb.

Purification & Purity

Synthetic peptide CCR7 (R209). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.