

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### CCR5 (T343) Peptide

Cat No.: BS1389P

#### Background

The CC chemokine receptor 5 (CCR5) is a member of the CC-chemokine receptor family, and has the characteristic structure of a 7 transmembrane G protein-coupled receptor (GPCR). CCR5 regulates trafficking and effector functions of memory/effector Th1 cells, macrophages, NK cells, and immature dendritic cells. CCR5 and its ligands play an important role in viral pathogenesis. CCR5 represents the co-receptor for macrophage (M) and dual (T cell and M)-tropic immunodeficiency viruses. Together with the CD4 binding receptor, CCR5 plays a critical role in HIV entry into the target cells.

#### Swiss-Prot

P51681

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1389 CCR5 (T343) pAb.

#### Purification & Purity

Synthetic peptide CCR5 (T343). (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.

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