

# Anti-H\_CCR8 hlgG1 Reference Antibody, Defucosylation (BMS-986340)

## Product Information

**Product Name** Anti-H\_CCR8 hlgG1 Reference Antibody, Defucosylation (BMS-986340)  
**Storage temp.** Store at 2-8°C short term (1-2 weeks).Store at  $\leq -20^{\circ}\text{C}$  long term. Avoid repeated freeze-thaw.

**Catalog# / Size**  
**GM-53822MAB-1mg / 1 mg**  
**GM-53822MAB-5mg / 5 mg**  
**GM-53822MAB-25mg / 5 mg\*5 vials**  
**GM-53822MAB-50mg / 50 mg**  
**GM-53822MAB-100mg / 50 mg\*2 vials**

## Antibody Information

**Expression System** CHO  
**Aggregation** < 5% as determined by SEC-HPLC  
**Purity** > 95% as determined by SDS-PAGE  
**Species Reactivity** Human  
**Clone** Defucosylated,BMS-986340  
**Source/Isotype** Monoclonal Human IgG1  
**Application** Flow Cytometry; Bioassay; Bioactivity-ELISA  
**Specificity** Detects CCR8  
**Gene** CCR8  
**Other Names** CY6; TER1; CCR-8; CKRL1; CDw1 98; CMKBR8; GPRCY6; CMKBRL2; CC-CKR-8  
**Gene ID** 1237  
**Background** CCR8, also known as ChemR1, TER1, and CKR-L1, belongs to the beta chemokine receptor family. It is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. CCR8 is expressed on some subsets of T cells, monocytes, macrophages, eosinophils, thymocytes, Langerhans cells, neurons, and vascular smooth muscle cells. Binding with its ligand CCL1, CCR8 plays a role in the regulation of monocyte chemotaxis and thymic cell apoptosis. It has been reported that CCR8 is also a receptor for CCL18. CCR8 is also believed to be an alternative coreceptor to CD4 for HIV-1 infection.  
**Storage** Store at 2-8°C short term (1-2 weeks). Store at  $\leq -20^{\circ}\text{C}$  long term.Avoid repeated freeze-thaw.  
**Formulation** Phosphate-buffered solution, pH 7.2-7.4.  
**Endotoxin** < 1 EU/mg, determined by LAL gel clotting assay

Version:3.4

## Data Examples

### Flow cytometry

H\_CCR8 HEK-293 Cell Line (Catalog # GM-C15638) was stained with Anti-H\_CCR8 hIgG1 Reference Antibody, Defucosylation (BMS-986340)(Catalog # GM-53822MAB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.

#### Binding to H\_CCR8 HEK293 Cell Line

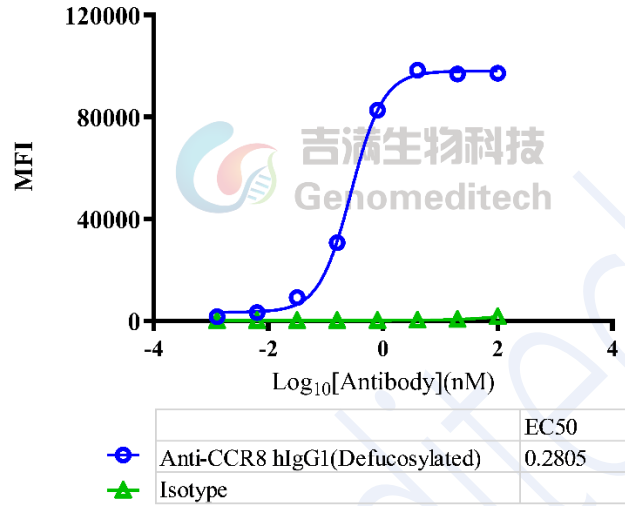


Fig 1. FACS

### Flow cytometry

H\_CCR8 Jurkat Cell Line (Catalog # GM-C15568) was stained with Anti-H\_CCR8 hIgG1 Reference Antibody, Defucosylation (BMS-986340)(Catalog # GM-53822MAB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.

#### Binding to H\_CCR8 Jurkat Cell Line

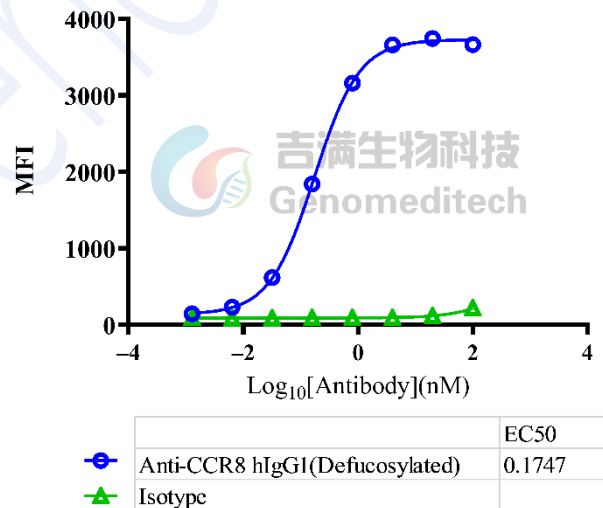


Fig 2. FACS

Bioassay-Tango

Anti-H\_CCR8 hIgG1 Reference Antibody, Defucosylation (BMS-986340)(Catalog # GM-53822MAB) inhibits Tango-H\_CCR8-CHO-K1 Cell Line (Catalog # GM-C13190) Luminescence induced by Recombinant Human CCL1/l-309 Protein. IC50 for this effect is 0.3379 nM.

CCR8 Tango Assay

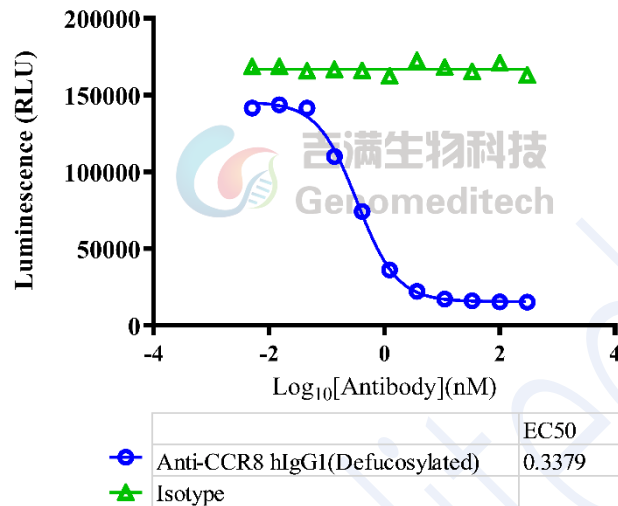


Fig 3. Assay

Bioassay-ADCC

Antibody-dependent cell-mediated cytotoxicity of Anti-H\_CCR8 hIgG1 Antibody(Defucosylated) (Catalog # GM-53822MAB). Assay was performed using H\_CCR8 Jurkat Cell Line (Catalog # GM-C15568) along with ADCC Effector Cell Line.

ADCC of Anti-CCR8 targeting H\_CCR8 Jurkat Cell Line

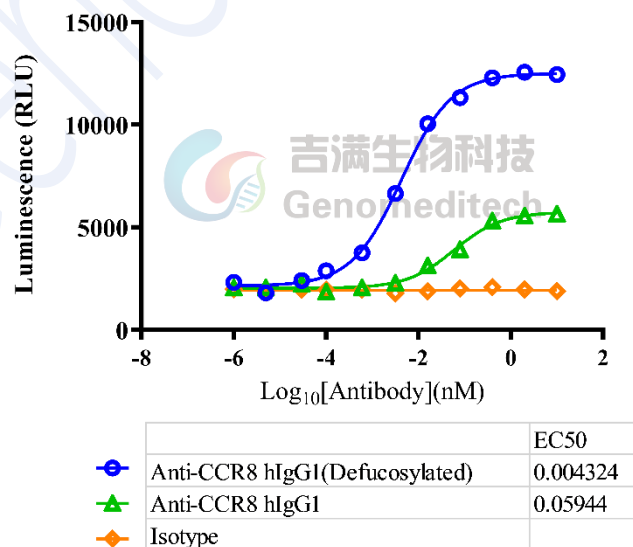


Fig 4. ADCC

Bioactivity-ELISA

Human CCR8-N1-35 Protein; mFc Tag (Catalog # GM-53980RP) was immobilized at 1 µg/ml (100 µL/well). Increasing concentrations of Anti-H\_CCR8 hIgG1 Reference Antibody, Defucosylation (BMS-986340) (Catalog # GM-53822MAB) were added.

**Human CCR8-N1-35 Protein; mFc Tag, ELISA**  
**0.1 µg Human CCR8-N1-35 Protein; mFc Tag of per well**

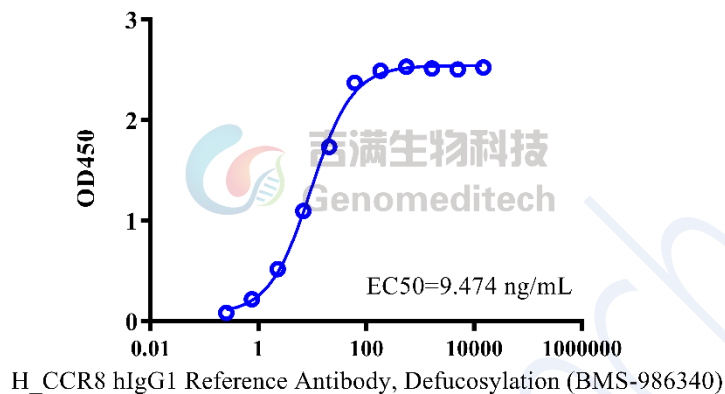


Fig. Assay