

Anti-CCR8 / CD198 Reference Antibody (BMS-986340)

Catalog # APR11168

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P51685
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1-REMK
Calculated MW	40844

Additional Information

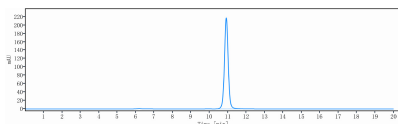
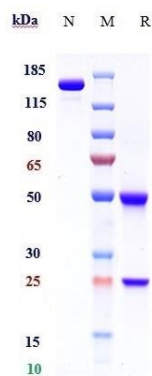
Target/Specificity	CCR8 / CD198 / CKRL1 / CMKBR8 / CMKBRL2
Expression system	CHO

Protein Information

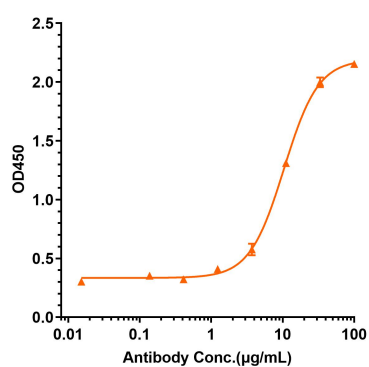
Name	CCR8
Synonyms	CKRL1, CMKBR8, CMKBRL2
Function	G protein-coupled receptor that can bind a variety of chemokines, such as CCL1, CCL8, CCL16, CCL18 (PubMed: 23999500 , PubMed: 35041514). Regulates monocyte and eosinophil chemotaxis. Undergoes internalization upon CCL18 binding, leading to induced migration and calcium flux of highly polarized Th2 cells (PubMed: 23999500). In microglial cells, promotes phagocytosis with CCL18 through NF-kappa-B and Src signaling pathways (PubMed: 35041514). Stimulation of the CCL1-CCR8 signaling axis protects the gut from acute intestinal damage (By similarity).
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Expressed in unstimulated CD4(+) and CD8(+) T-cells and polymorphonuclear cells.

Images

Anti-CCR8 / CD198 Reference Antibody (BMS-986340) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-CCR8 / CD198 Reference Antibody (BMS-986340) is 100%, determined by SEC-HPLC.



Immobilized Human CCR8-VLP at 16 µg/mL can bind BMS-986340, EC₅₀= 10.44 µg/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.