

Anti-CXCR2 / IL-8Rb / CD182 Reference Antibody (Shanghai Tech.U. patent anti-CXCR2)

Catalog # APR11371

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P25025
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	40759

Additional Information

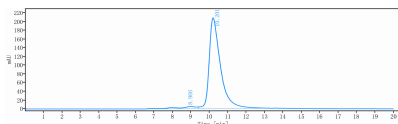
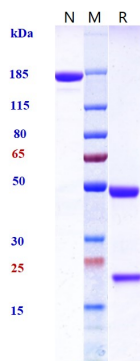
Target/Specificity	CXCR2 / IL-8Rb / CD182
Expression system	CHO

Protein Information

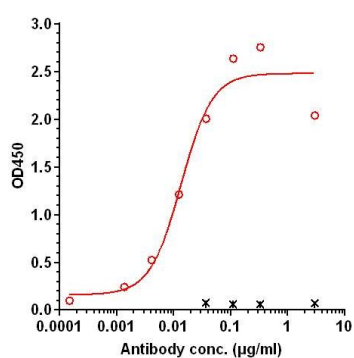
Name	CXCR2
Synonyms	IL8RB
Function	Receptor for interleukin-8 which is a powerful neutrophil chemotactic factor (PubMed: 1891716). Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G- protein that activates a phosphatidylinositol-calcium second messenger system (PubMed: 8662698). Binds to IL-8 with high affinity. Also binds with high affinity to CXCL3, GRO/MGSA and NAP-2 (PubMed: 1891716). Involved in the homeostatic wound healing response to tissue injury, a multistep cascade that guides neutrophil migration to necrotic sites while avoiding collateral damage of healthy tissues. Signals intravascular neutrophil chemotaxis to the injury site.
Cellular Location	Cell membrane; Multi-pass membrane protein.

Images

Anti-CXCR2 / IL-8Rb / CD182 Reference Antibody
(Shanghai Tech.U. patent anti-CXCR2) on SDS-PAGE under
reducing (R) condition. The purity of the protein is greater
than 95%.



The purity of Anti-CXCR2 / IL-8Rb / CD182 Reference Antibody (Shanghai Tech.U. patent anti-CXCR2) is 98.6%, determined by SEC-HPLC.



Immobilized PHE253 Human CXCR2 / IL-8Rb / CD182, His Tag at 2 µg/mL can bind ShanghaiTech.U.patentanti-CXCR2, EC50= 0.01359 µg/mL.

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