

Anti-CXCR3 / GPR9 / CD183 Reference Antibody (Genzyme patent anti-CXCR3)

Recombinant Antibody
Catalog # APR10043

Product Information

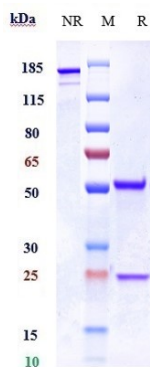
Application	FC, Kinetics, Animal Model
Primary Accession	P49682
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	40660

Additional Information

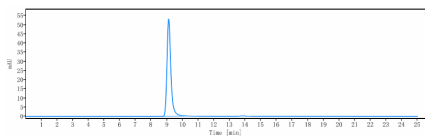
Target/Specificity	CXCR3 / GPR9 / CD183
Endotoxin Conjugation	Unconjugated
Expression system	CHO Cell
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

Protein Information

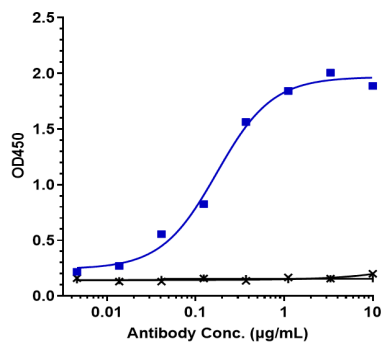
Name	CXCR3
Synonyms	GPR9
Function	[Isoform 1]: Receptor for the C-X-C chemokine CXCL9, CXCL10 and CXCL11 and mediates the proliferation, survival and angiogenic activity of human mesangial cells (HMC) through a heterotrimeric G- protein signaling pathway (PubMed: 12782716). Binds to CCL21. Probably promotes cell chemotaxis response. Upon activation by PF4, induces activated T-lymphocytes migration mediated via downstream Ras/extracellular signal-regulated kinase (ERK) signaling. [Isoform 3]: Mediates the activity of CXCL11.
Cellular Location	[Isoform 1]: Cell membrane; Multi-pass membrane protein
Tissue Location	Isoform 1 and isoform 2 are mainly expressed in heart, kidney, liver and skeletal muscle. Isoform 1 is also expressed in placenta. Isoform 2 is expressed in endothelial cells. Expressed in T-cells (at protein level).



Anti-CXCR3 / GPR9 / CD183 Reference Antibody (Genzyme patent anti-CXCR3) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-CXCR3 / GPR9 / CD183 Reference Antibody (Genzyme patent anti-CXCR3) is more than 100% ,determined by SEC-HPLC.



Immobilized human CXCR3 VLP Protein at 8 µg/mL can bind Anti-CXCR3 / GPR9 / CD183 Reference Antibody (Genzyme patent anti-CXCR3),EC50=0.173 µg/mL

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