

CD185 (PN0654) Nb-FC recombinant antibody

Catalog No :	YA0656
Reactivity :	Human
Applications :	FCM;ELISA
Target :	CD185
Gene Name :	CXCR5 BLR1 MDR15
Protein Name :	C-X-C chemokine receptor type 5 (CXC-R5) (CXCR-5) (Burkitt lymphoma receptor 1) (Monocyte-derived receptor 15) (MDR-15) (CD antigen CD185)
Human Gene Id :	643
Human Swiss Prot No :	P32302
Immunogen :	Purified recombinant Human CD185
Specificity :	This recombinant monoclonal antibody can detects endogenous levels of CD185 protein.
Formulation :	Phosphate-buffered solution
Source :	Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell
Dilution :	ELISA 1:5000-100000;FCM 1-2µg/Test
Purification :	Recombinant Expression and Affinity purified
Concentration :	Please check the information on the tube
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
Background :	CD185, also known as CXCR5, is a 42 kD G-protein coupled receptor with seven transmembrane regions. CXCR5 is expressed by mature B cells, follicular helper T cells, Burkitt's lymphoma cells and a subset of neurons, and mediates

cell migration to the B cell follicles in the secondary lymphoid organs. The ligand of CXCR5 is CXCL13 (BLC).

Function :

Cytokine receptor that binds to B-lymphocyte chemoattractant (BLC). Involved in B-cell migration into B-cell follicles of spleen and Peyer patches but not into those of mesenteric or peripheral lymph nodes. May have a regulatory function in Burkitt lymphoma (BL) lymphomagenesis and/or B-cell differentiation.

Subcellular Location :

Cell membrane; Multi-pass membrane protein.

Expression :

Expression in mature B-cells and Burkitt lymphoma cells.

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