

**CD185 (PN0060) Nb-FC recombinant antibody**

<b>Catalog No :</b>	YA0149
<b>Reactivity :</b>	Human
<b>Applications :</b>	ELISA
<b>Target :</b>	CD185
<b>Gene Name :</b>	CXCR5 BLR1 MDR15
<b>Protein Name :</b>	C-X-C chemokine receptor type 5 (CXC-R5) (CXCR-5) (Burkitt lymphoma receptor 1) (Monocyte-derived receptor 15) (MDR-15) (CD antigen CD185)
<b>Human Gene Id :</b>	643
<b>Human Swiss Prot No :</b>	P32302
<b>Immunogen :</b>	Purified recombinant Human CD185
<b>Specificity :</b>	This recombinant monoclonal antibody can detects endogenous levels of CD185 protein.
<b>Formulation :</b>	Phosphate-buffered solution
<b>Source :</b>	Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell
<b>Dilution :</b>	ELISA 1:5000-100000
<b>Purification :</b>	Recombinant Expression and Affinity purified
<b>Concentration :</b>	Please check the information on the tube
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
<b>Background :</b>	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).

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**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.

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**Subcellular Location :**

Cell membrane; Multi-pass membrane protein.

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**Expression :**

Expression in mature B-cells and Burkitt lymphoma cells.

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