

CD20 (PN0614) Nb-FC recombinant antibody

Catalog No :	YA0171
Reactivity :	Human
Applications :	ELISA
Target :	CD20
Gene Name :	MS4A1 CD20
Protein Name :	B-lymphocyte antigen CD20 (B-lymphocyte surface antigen B1) (Bp35) (Leukocyte surface antigen Leu-16) (Membrane-spanning 4-domains subfamily A member 1) (CD antigen CD20)
Human Gene Id :	931
Human Swiss Prot No :	P11836
Immunogen :	Purified recombinant Human CD20
Specificity :	This recombinant monoclonal antibody can detects endogenous levels of CD20 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
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)
Cell Pathway :	Hematopoietic cell lineage;

Background :

This gene encodes a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. This gene encodes a B-lymphocyte surface molecule which plays a role in the development and differentiation of B-cells into plasma cells. This family member is localized to 11q12, among a cluster of family members. Alternative splicing of this gene results in two transcript variants which encode the same protein. [provided by RefSeq, Jul 2008]

Function :

caution: Epitope 1, mapped in PubMed:16785532, is predicted to be buried in the membrane. Its accessibility to the extracellular space, and thus to antibody recognition, is not explained. This protein may be involved in the regulation of B-cell activation and proliferation. online information: CD20 entry, pharmaceutical: Monoclonal antibodies (mAb) against CD20 are used to treat B-cell non-Hodgkin's lymphoma (NHL). These antibodies include Rituximab (Mabthera), Britumomab (Zevalin) and Tositumomab (Bexxar). CD20 engaged by mAb can generate transmembrane signals capable of directly controlling cell growth and triggering cell death in certain tumors. Alternatively, mAb can mediate complement-dependent cytotoxicity. PTM: Phosphorylated. Might be functionally regulated by protein kinase(s). similarity: Belongs to the MS4A family. tissue specificity: Expressed on B-cells.

Subcellular Location :

Cell membrane ; Multi-pass membrane protein . Cell membrane ; Lipid-anchor . Constitutively associated with membrane rafts. .

Expression :

Expressed on B-cells.

Products Images