

CD20 (PN0595) Nb-FC recombinant antibody

CatalogNo: YA0484 **Recombinant** 

Key Features

Reactivity

- Human

Applications

- ELISA

Recommended Dilution Ratios

ELISA 1:5000-100000

Storage

Storage* -15°C to -25°C/1 year(Avoid freeze / thaw cycles)

Formulation Phosphate-buffered solution

Basic Information

Source Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell

Purification Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell

Clone Number PN0595

Immunogen Information

Immunogen Purified recombinant Human CD20

Specificity This recombinant monoclonal antibody can detects endogenous levels of CD20 protein.

Target Information

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)		
	Organism	Gene ID	UniProt ID
	Human	7037 ;	P11836 ;
Cellular Localization	Cell membrane ; Multi-pass membrane protein . Cell membrane ; Lipid-anchor . Constitutively associated with membrane rafts. .		
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.,		

Validation Data

Contact information

Orders: order@immunoway.com
 Support: tech@immunoway.com
 Telephone: 877-594-3616 (Toll Free), 408-747-0185
 Website: <http://www.immunoway.com>
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:
CD20 (PN0595) Nb-FC recombinant antibody

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