

CD19 (PN0081) Nb-FC recombinant antibody

CatalogNo: YA0413 **Recombinant** 

| Key Features

Reactivity

- Human

Applications

- ELISA,FC

| 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 PN0081

| Immunogen Information

Immunogen Purified recombinant Human CD19

Specificity This recombinant monoclonal antibody can detects endogenous levels of CD19 protein.

| Target Information

Gene name	CD19		
Protein Name	B-lymphocyte antigen CD19 (B-lymphocyte surface antigen B4) (Differentiation antigen CD19) (T-cell surface antigen Leu-12) (CD antigen CD19)		
	Organism	Gene ID	UniProt ID
	Human	4684 ;	P15391 ;
Cellular Localization	Cell membrane ; Single-pass type I membrane protein . Membrane raft ; Single-pass type I membrane protein .		
Tissue specificity	Brain,Brain cortex,Kidney,Ovary,Plasma,Skeletal muscle,Testis		
Function	Functions as coreceptor for the B-cell antigen receptor complex (BCR) on B-lymphocytes. Decreases the threshold for activation of downstream signaling pathways and for triggering B-cell responses to antigens . Activates signaling pathways that lead to the activation of phosphatidylinositol 3-kinase and the mobilization of intracellular Ca(2+) stores . Is not required for early steps during B cell differentiation in the blood marrow . Required for normal differentiation of B-1 cells (By similarity). Required for normal B cell differentiation and proliferation in response to antigen challenges . Required for normal levels of serum immunoglobulins, and for production of high-affinity antibodies in response to antigen challenge .		

| Validation Data

| Contact information

Orders: order@immunoway.com
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Please scan the QR code to access additional product information:
CD19 (PN0081) Nb-FC recombinant antibody

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