

## CD19 (PN0405) Nb-FC recombinant antibody

CatalogNo: YA0623 **Recombinant** 

### Key Features

#### Reactivity

- Human

#### Applications

- ELISA,FC

### Recommended Dilution Ratios

**ELISA 1:5000-100000****Flow Cyt 1-2µg/Test**

### 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** PN0405

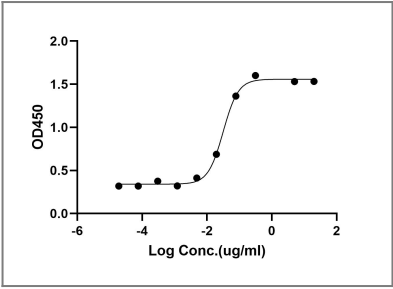
### Immunogen Information

**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	<a href="#">930</a> ;	<a href="#">P15391</a> ;
Cellular Localization	Cell membrane ; Single-pass type I membrane protein . Membrane raft ; Single-pass type I membrane protein .		
Tissue specificity	Detected on marginal zone and germinal center B cells in lymph nodes (PubMed:24631). Detected on blood B cells (at protein level) (PubMed:24631, PubMed:1667271).		
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

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Please scan the QR code to access additional product information:  
**CD19 (PN0405) Nb-FC recombinant antibody**

