

## CD19 (PN0081) Nb-FC recombinant antibody

CatalogNo: YA0413 **Recombinant** 

### Key Features

#### Reactivity

- Human

#### Isotype

- IgG2a, Kappa

#### Applications

- ELISA, FC

### Storage

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

**Formulation** Phosphate-buffered solution

### Recommended Dilution Ratios

**ELISA 1:5000-100000**

### 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 detect endogenous levels of CD19 protein.

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## | 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** 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 .

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## | Validation Data

## | Contact information

Orders: [order@immunoway.com](mailto:order@immunoway.com)  
Support: [tech@immunoway.com](mailto:tech@immunoway.com)  
Telephone: 877-594-3616 (Toll Free), 408-747-0185  
Website: <http://www.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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