

# 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**

**Flow Cyt 1-2µg/Test**

## 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	<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

Orders: order.cn@immunoway.com  
Support: support.cn@immunoway.com  
Telephone: 400-8787-807(China)  
Website: <http://www.immunoway.com.cn>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:  
**CD19 (PN0081) Nb-FC recombinant antibody**

---

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)