

## CD19 (PTR1379) recombinant Mouse mAb

CatalogNo: YM4238 **Recombinant** 

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human

#### Applications

- Flow Cyt, ELISA

#### Isotype

- IgG1, Kappa

### Recommended Dilution Ratios

**ELISA 1:5000-100000**

**Flow Cyt 1-2µg/Test**

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Phosphate-buffered solution

### Basic Information

**Clonality** Monoclonal

**Clone Number** PTR1379

### Immunogen Information

**Immunogen** Purified recombinant Human CD19

**Specificity** This recombinant monoclonal antibody can detect 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="#">941</a> ;   | <a href="#">P15391</a> ; |
| Mouse    | <a href="#">12519</a> ; | <a href="#">Q00609</a> ; |

**Cellular Localization** Cell membrane ; Single-pass type I membrane protein . Membrane raft ; Single-pass type I membrane protein .

**Tissue specificity** Expressed on activated B-cells, macrophages and dendritic cells.

**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](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>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:  
**CD19 (PTR1379)  
recombinant Mouse  
mAb**

---

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

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