

## CD19 Rabbit pAb

CatalogNo: YT5580

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, FC, IHC, IF, ELISA

#### MW

- 61kD (Observed)

#### Isotype

- IgG

### Storage

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

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-2000**

**Flow Cyt 1:50-200**

**IHC 1:100-500**

**IF (paraffin section)**

**ELISA 1:5000-20000**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from B-lymphocyte antigen CD19 at AA range: 191-240

**Specificity** CD19 Polyclonal Antibody detects endogenous levels of CD19 protein.

### Target Information

**Gene name** CD19

**Protein Name** B-lymphocyte antigen CD19

Organism	Gene ID	UniProt ID
Human	<a href="#">930</a> ;	<a href="#">P15391</a> ;
Mouse		<a href="#">P25918</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:2463100). Detected on blood B cells (at protein level) (PubMed:2463100, PubMed:16672701).

**Function** Disease:Defects in CD19 are a cause of hypogammaglobulinemia [MIM:107265].,Function:Assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation.,online information:CD19 mutation db,PTM:Phosphorylated on serine and threonine upon DNA damage, probably by ATM or ATR. Phosphorylated on tyrosine following B-cell activation.,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,subunit:Forms a complex with CD21, CD81 and CD225 in the membrane of mature B cells. Interacts with VAV. Interacts with GRB2 and SOS when phosphorylated on Tyr-348 and/or Tyr-378. Interacts with PLCG2 when phosphorylated on Tyr-409.,

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## Validation Data

## Contact information

Orders: [order.cn@immunoway.com](mailto:order.cn@immunoway.com)  
Support: [support.cn@immunoway.com](mailto: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 Rabbit pAb**

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