



## Mouse Monoclonal Antibody **CD19** conjugated to Sepharose Beads

CatalogNo: **ANT8051-M**

Size 200ul

Storage Store at 4 °C for frequent use

### Description

This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified beads. It is useful for immunoprecipitation.

### **CD19 (ANT0089R) Rabbit mAb**

Formulation: Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg ANaN3.

#### Host Species

- Rabbit

#### MW

- 110kD (Calculated)
- 110kD (Observed)

#### Reactivity

- Human,

#### Isotype

- IgG,Kappa

#### Applications

- WB,IHC,IF,IP,ELISA

## **Recommended Dilution Ratios**

### **IP**

## **Basic Information**

#### Clonality

Monoclonal

Clone Number      ANT0089R

**Immunogen Information** Specificity

Endogenous

**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> ;
Mouse	<a href="#">12478</a> ;	<a href="#">P25918</a> ;

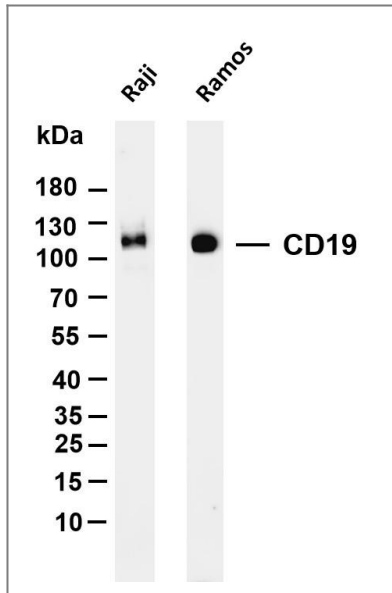
**Cellular Localization**              Membranous

**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).

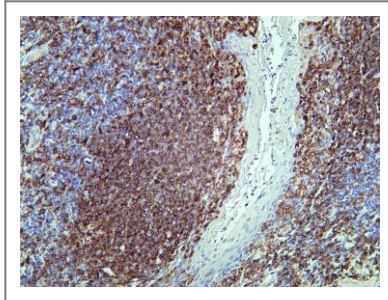
**Function**                                Functions as coreceptor for the B-cell antigen receptor complex (BCR) on B-lymphocytes. Decreases the threshold for activation of downstream signaling pathways and for triggering B-cell responses to antigens . Activates signaling pathways that lead to the activation 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



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-CD19 (ANT0089R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: Raji Lane 2: Ramos Predicted band size: 110kDa Observed band size: 110kDa



Human tonsil tissue was stained with Anti-CD19

(ANT0089R) rabbit Antibody

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