



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

CatalogNo: **ANT8051-S**

Size 200ul

Storage Store at 4 °C for frequent use

Description

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays.

CD19 (ANT0089R) Rabbit mAb

Formulation: 50% slurry in PBS pH 7.2 with 0.01mg NaN₃ preservative.

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)

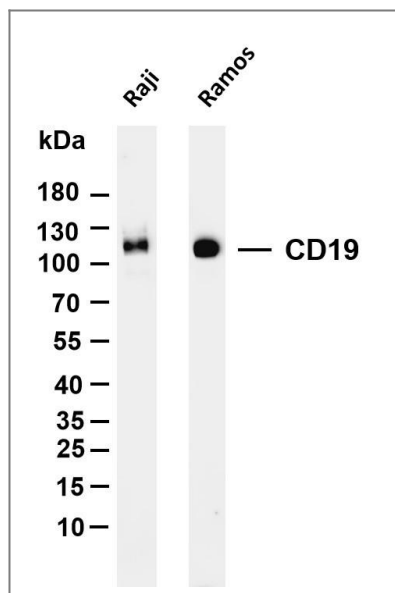
Organism	Gene ID	UniProt ID
Human	930 ;	P15391 ;
Mouse	12478 ;	P25918 ;

Cellular Localization Membranous

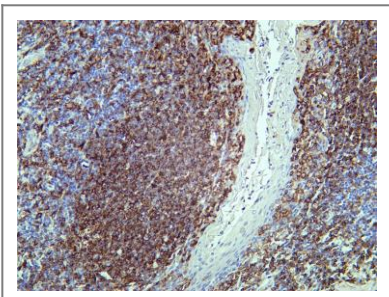
Tissue specificity Detected on marginal zone and germinal center B cells in lymph nodes (PubMed:2463100). Detected on blood B cells (at protein level) (PubMed:2463100, PubMed:16672701).

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 .

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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