

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	930 ;	P15391 ;
Mouse		P25918 ;

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.,

Validation Data

Contact information

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Please scan the QR code to access additional product information:
CD19 Rabbit pAb

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