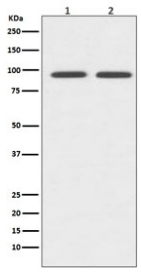
CD19 Antibody [clone AOEB-3] (RQ5450)

Catalog No.	Formulation	Size
RQ5450	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AOEB-3
Purity	Affinity purified
UniProt	P15391
Localization	Cell surface, cytoplasmic
Applications	Western blot: 1:500-1:1000
Limitations	This CD19 antibody is available for research use only.



Western blot testing of 1) human Jurkat and 2) rat spleen lysate with CD19 antibody. Expected molecular weight: 60-100 kDa depending on glycosylation level.

Description

Lymphocytes proliferate and differentiate in response to various concentrations of different antigens. The ability of the B cell to respond in a specific, yet sensitive manner to the various antigens is achieved with the use of low-affinity antigen receptors. The CD19 gene encodes a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation. [RefSeq]

Researchers studying B cell markers and immune cell signaling may also be interested in our CD19 Antibody / B Cell Marker Antibody page, featuring a Protein Microarray Validated recombinant monoclonal antibody for B lymphocyte detection and immunology research.

Application Notes

Optimal dilution of the CD19 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human CD19 was used as the immunogen for the CD19 antibody.

Storage

Store the CD19 antibody at -20oC.

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