

CD79b Antibody

Rabbit mAb Catalog # AP92718

Product Information

Application WB, IF, FC, ICC

Primary Accession P40259
Reactivity Human
Clonality Monoclonal

Other Names B29; CD79b; IGB; Igbeta;

IsotypeRabbit IgGHostRabbitCalculated MW26048

Additional Information

Dilution WB 1:500~1:2000 ICC/IF 1:50~1:200 FC 1:50

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human CD79b

Description Required in cooperation with CD79A for initiation of the signal transduction

cascade activated by the B-cell antigen receptor complex (BCR) which leads to internalization of the complex, trafficking to late endosomes and antigen

presentation.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium

azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term.

Avoid freeze / thaw cycle.

Protein Information

Name CD79B

Synonyms B29, IGB

Function Required in cooperation with CD79A for initiation of the signal transduction

cascade activated by the B-cell antigen receptor complex (BCR) which leads to internalization of the complex, trafficking to late endosomes and antigen presentation. Enhances phosphorylation of CD79A, possibly by recruiting kinases which phosphorylate CD79A or by recruiting proteins which bind to

CD79A and protect it from dephosphorylation.

Cellular Location Cell membrane; Single-pass type I membrane protein. Note=Following

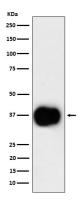
antigen binding, the BCR has been shown to translocate from

detergent-soluble regions of the cell membrane to lipid rafts although signal

transduction through the complex can also occur outside lipid rafts.

Tissue Location B-cells.

Images



Western blot analysis of CD79b expression in Ramos cell lysate.

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