

Anti-CD79b Antibody

Rabbit polyclonal antibody to CD79b Catalog # AP60242

Specification

Anti-CD79b Antibody - Product Information

Application Primary Accession Other Accession Reactivity Host Clonality Calculated MW WB <u>P40259</u> <u>P15530</u> Human, Mouse, Rat Rabbit Polyclonal 26048

Anti-CD79b Antibody - Additional Information

Gene ID 974

Other Names B29; IGB; B-cell antigen receptor complex-associated protein beta chain; B-cell-specific glycoprotein B29; Ig-beta; Immunoglobulin-associated B29 protein; CD79b

Target/Specificity Recognizes endogenous levels of CD79b protein.

Dilution WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage Store at -20 °C.Stable for 12 months from date of receipt

Anti-CD79b Antibody - 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.

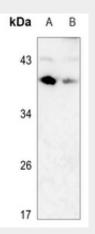
Tissue Location B-cells.

Anti-CD79b Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Anti-CD79b Antibody - Images



Western blot analysis of CD79b expression in mouse heart (A), mouse spleen (B) whole cell lysates.

Anti-CD79b Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD79b. The exact sequence is proprietary.