

### **CD79B Antibody**

Rabbit mAb Catalog # AP91958

## **Specification**

### **CD79B Antibody - Product Information**

Application WB, IHC, FC, ICC, IP

Primary Accession P40259
Reactivity Rat

Clonality Monoclonal

**Other Names** 

CD79B; AGM6; B29; IGB;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 26048 Da

# **CD79B Antibody - Additional Information**

Dilution WB~~1:1000

IHC~~1:100~500 FC~~1:10~50 ICC~~N/A IP~~N/A

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.

# **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.

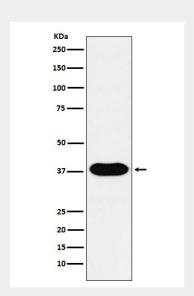
**Tissue Location** B-cells.

# **CD79B Antibody - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

### **CD79B Antibody - Images**



Western blot analysis of CD79b expression in Raji cell lysate.