

**CD79b Polyclonal Antibody** 

Catalog # AP73438

### Specification

# **CD79b Polyclonal Antibody - Product Information**

Application Primary Accession	<b>WB, IHC-P</b> P40259
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

### **CD79b Polyclonal Antibody - Additional Information**

Gene ID 974

**Other Names** CD79B; B29; IGB; B-cell antigen receptor complex-associated protein beta chain; B-cell-specific glycoprotein B29; Ig-beta; Immunoglobulin-associated B29 protein; CD79b

Dilution

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A

**Format** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions -20°C

### **CD79b Polyclonal 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 Polyclonal 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>

# **CD79b Polyclonal Antibody - Images**













**CD79b Polyclonal Antibody - Background** 

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