

#### CD79a Rabbit mAb

**Catalog # AP75235** 

## **Specification**

#### CD79a Rabbit mAb - Product Information

Application
Primary Accession
Reactivity
Host
Clonality
Calculated MW

WB, IHC-P, IHC-F, ICC
P11912
Human
Rabbit
Monoclonal Antibody
25038

## CD79a Rabbit mAb - Additional Information

Gene ID 973

Other Names CD79A

**Dilution** 

WB~~1/500-1/1000 IHC-P~~N/A IHC-F~~N/A ICC~~N/A

#### **Format**

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

## Storage

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

### CD79a Rabbit mAb - Protein Information

Name CD79A

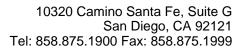
Synonyms IGA, MB1

## **Function**

Required in cooperation with CD79B for initiation of the signal transduction cascade activated by binding of antigen to the B- cell antigen receptor complex (BCR) which leads to internalization of the complex, trafficking to late endosomes and antigen presentation. Also required for BCR surface expression and for efficient differentiation of pro- and pre-B-cells. Stimulates SYK autophosphorylation and activation. Binds to BLNK, bringing BLNK into proximity with SYK and allowing SYK to phosphorylate BLNK. Also interacts with and increases activity of some Src-family tyrosine kinases. Represses BCR signaling during development of immature B- cells.

#### **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.

### CD79a Rabbit mAb - Protocols

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

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

# CD79a Rabbit mAb - Images

