

**CD79A Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS11614****Specification**

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**CD79A Antibody - Product Information**

Application	IHC
Primary Accession	<a href="#">P11912</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25kDa KDa

**CD79A Antibody - Additional Information****Gene ID** 973**Other Names**

B-cell antigen receptor complex-associated protein alpha chain, Ig-alpha, MB-1 membrane glycoprotein, Membrane-bound immunoglobulin-associated protein, Surface IgM-associated protein, CD79a, CD79A, IGA, MB1

**Target/Specificity**

Peptide from human CD79A

**Reconstitution & Storage**

+4°C, avoid freezing

**Precautions**

CD79A Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**CD79A Antibody - 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.

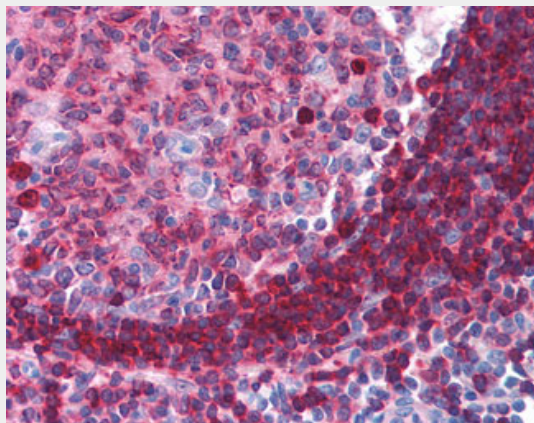
**Volume**

250 µl

**CD79A 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 Cytometry](#)
- [Cell Culture](#)

**CD79A Antibody - Images**

Anti-CD79A antibody IHC of human tonsil.

**CD79A Antibody - Background**

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**CD79A Antibody - References**

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