

**CD79a**  
**Rabbit Monoclonal antibody(Mab)**  
**Catalog # AD80015**

## Specification

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### CD79a - Product info

Application	IHC-P, IHC
Primary Accession	<a href="#">P11912</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	25038

### CD79a - Additional info

Gene ID	973
Gene Name	CD79A

#### 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

#### Dilution

IHC-P~~Ready-to-use  
IHC~~Ready-to-use

Storage	<b>This product is stored at 2-91 °C, please use it within the expiration date.</b>
Precautions	<b>CD79a Antibody is for research use only and not for use in diagnostic or therapeutic procedures.</b>

### CD79a - Protein Information

**Name** CD79A

**Synonyms**  
**Function**

**IGA, MB1**  
**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**

Cellular Location

to phosphorylate BLNK. Also interacts with and increases activity of some Src- family tyrosine kinases. Represses BCR signaling during development of immature B-cells. 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. B-cells.

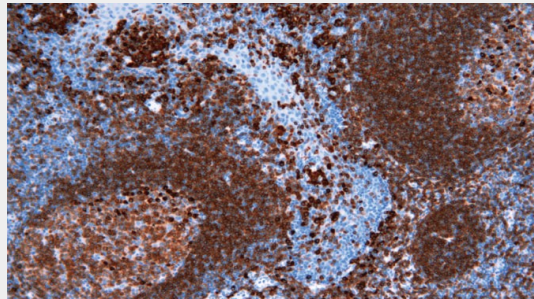
Tissue Location

### CD79a - Protocols

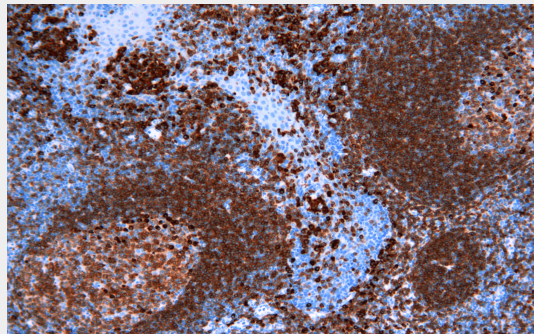
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### CD79a - Images



Tonsil



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using AD80015 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH6.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room

temperature. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.