

**Anti-CD79A / CD79 Alpha Antibody (N-Terminus, clone SP18)**  
**Rabbit Anti Human Monoclonal Antibody**  
**Catalog # ALS18227****Specification**

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**Anti-CD79A / CD79 Alpha Antibody (N-Terminus, clone SP18) - Product Information**

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

**Anti-CD79A / CD79 Alpha Antibody (N-Terminus, clone SP18) - Additional Information****Gene ID 973**Alias Symbol **CD79A****Other Names**

CD79A, CD79a antigen, Ig-alpha, MB-1, MB-1 membrane glycoprotein, Surface IgM-associated protein, MB1

**Target/Specificity**

Human CD79A

**Reconstitution & Storage**

Tissue culture supernatant

**Precautions**

Anti-CD79A / CD79 Alpha Antibody (N-Terminus, clone SP18) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-CD79A / CD79 Alpha Antibody (N-Terminus, clone SP18) - 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.

**Anti-CD79A / CD79 Alpha Antibody (N-Terminus, clone SP18) - 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](#)

**Anti-CD79A / CD79 Alpha Antibody (N-Terminus, clone SP18) - Images**