

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

Rabbit Anti Human Monoclonal Antibody
Catalog # ALS18227

Product Information

Application	IHC-P, FC
Primary Accession	P11912
Predicted	Human
Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Clone Names	SP18
Calculated MW	25038

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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.