

## CD79A Antibody

Catalog No: #35306

Package Size: #35306-1 50ul #35306-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

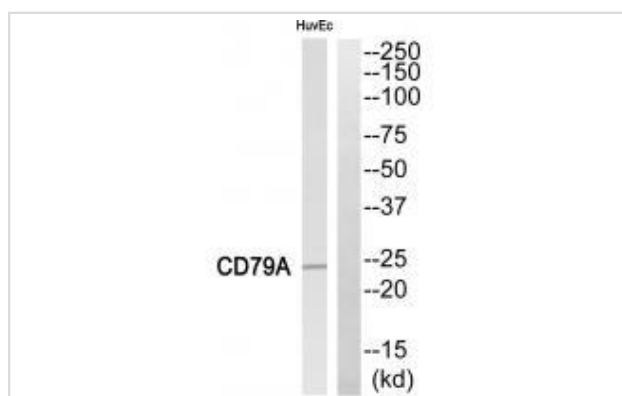
## Description

Product Name	CD79A Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CD79A protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human CD79A.
Target Name	CD79A
Other Names	B-cell antigen receptor complex-associated protein alpha chain; Ig-alpha; MB-1 membrane glycoprotein; Surface IgM-associated protein; Membrane-bound immunoglobulin-associated protein
Accession No.	Swiss-Prot: P11912NCBI Gene ID: 973
Uniprot	P11912
GeneID	973;
SDS-PAGE MW	25kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500~1:3000

## Images



Western blot analysis of extracts from HuvEc cells, using CD79A antibody #35306.

## Background

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.

Leduc I., Clin. Exp. Immunol. 90:141-146(1992).

Mueller B.S., Eur. J. Immunol. 22:1621-1625(1992).

Flaswinkel H., Immunogenetics 36:266-269(1992).

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Note: This product is for in vitro research use only