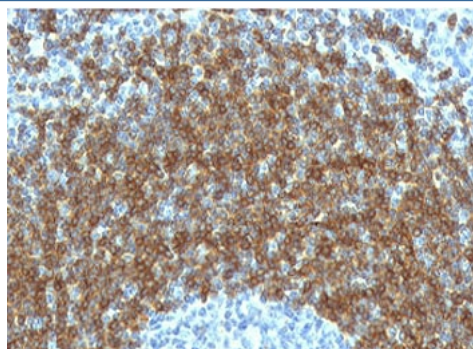


CD79b Antibody [clone CDLA79b-1] (V3810)

Catalog No.	Formulation	Size
V3810-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3810-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3810SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	CDLA79b-1
Purity	Protein G affinity chromatography
UniProt	P40259
Localization	Cell surface
Applications	IHC (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This CD79b antibody is available for research use only.



IHC testing of FFPE human tonsil tissue with CD79b antibody (clone CDLA79b-1). HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.

Description

Required in cooperation with CD79A for initiation of the signal transduction cascade activated by the B-cell antigen receptor complex (BCR) which leads to internalization of the complex, trafficking to late endosomes and antigen presentation. Enhances phosphorylation of CD79A, possibly by recruiting kinases which phosphorylate CD79A or by recruiting proteins which bind to CD79A and protect it from dephosphorylation. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the CD79b antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 29-159 was used as the immunogen for the CD79b antibody.

Storage

Store the CD79b antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).