

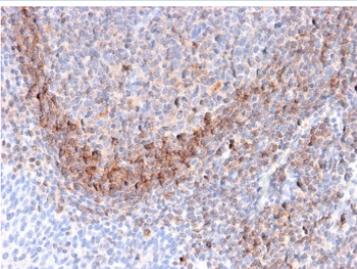
CD79b Antibody [clone B29/123] (V8265)

Catalog No.	Formulation	Size
V8265-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8265-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8265SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

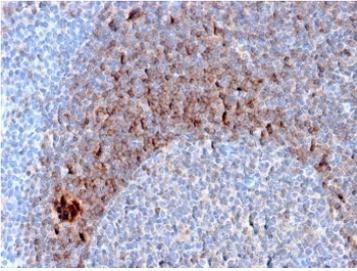
 Citations (1)

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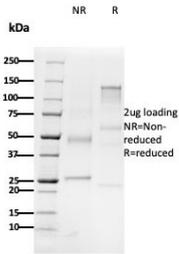
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	B29/123
Purity	Protein G affinity chromatography
UniProt	P40259
Localization	Cell surface
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This CD79b antibody is available for research use only.



IHC staining of FFPE human tonsil tissue with CD79b antibody (clone B29/123). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.



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SDS-PAGE analysis of purified, BSA-free CD79b antibody (clone B29/123) as confirmation of integrity and purity.

Description

CD79 (also designated Ig chains, designated CD79B or B29). The B cell antigen receptor complex (BCR) is formed by the association of CD79 with a membrane immunoglobulin, such as IgM or IgD. The membrane immunoglobulins IgM and IgD achieve surface expression and antigen presentation function in response to CD79 association. The cytoplasmic tails of both CD79A and CD79B contain an ITAM (immuno-receptor tyrosine-based activation) motif, which acts to initiate the BCR signaling reactions by binding to and activating tyrosine kinases.

Application Notes

Optimal dilution of the CD79b antibody should be determined by the researcher.

Immunogen

The C-terminal portion of the human protein was used as the immunogen for this CD79b antibody.

Storage

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