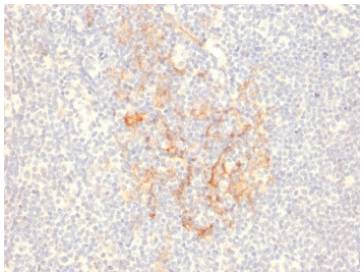
CD79b Antibody [clone IGB/2555] (V8457)

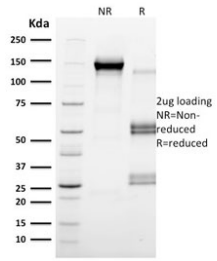
Catalog No.	Formulation	Size
V8457-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8457-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8457SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	IGB/2555
Purity	Protein G affinity chromatography
UniProt	P40259
Localization	Cell surface, cytoplasmic
Applications	ELISA: 2-4ug/ml; order Ab without BSA for coating Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT
Limitations	This CD79b antibody is available for research use only.



IHC staining of FFPE human tonsil with CD79b antibody (clone IGB/2555). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free CD79b antibody (clone IGB/2555) 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.

For an alternative monoclonal antibody targeting this B-cell receptor signaling protein, see our CD79b Antibody IGB/3170R, validated for western blot and immunohistochemistry.

Application Notes

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

Immunogen

A portion of amino acids 29-159 from the human protein 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).

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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