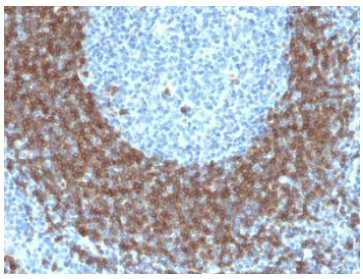
CD79b Antibody [clone IGB/1842] (V3804)

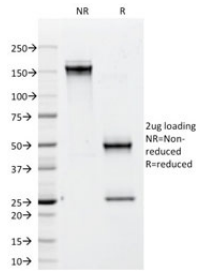
Catalog No.	Formulation	Size
V3804-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3804-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3804SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	IGB/1842
Purity	Protein G affinity chromatography
UniProt	P40259
Localization	Cell surface
Applications	ELISA : 2-4ug/ml (order BSA/azide-free format) Immunohistochemistry (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 IGB/1842). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.



SDS-PAGE analysis of purified, BSA-free CD79b antibody (clone IGB/1842) as confirmation of integrity and purity.

Description

CD79 (also designated Ig alpha/Ig beta) is a heterodimer composed of alpha chains, designated CD79A or MB-1, and beta 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

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).

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