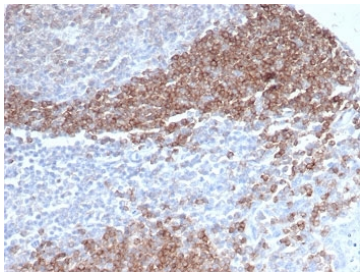
CD79b Antibody [clone CD79b/4960] (V4533)

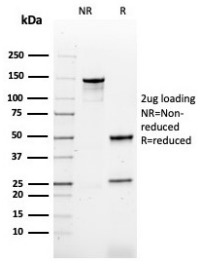
Catalog No.	Formulation	Size
V4533-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4533-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4533SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

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	CD79b/4960
Purity	Protein A/G affinity
UniProt	P40259
Localization	Cell Surface
Applications	ELISA: 2-4mg/ml for coating (order BSA-free format) Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This CD79b antibody is available for research use only.



IHC staining of FFPE human tonsil tissue with CD79b antibody (clone CD79b/4960). 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 CD79b/4960) 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.

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 recombinant fragment of human CD79b protein was used as the immunogen for the CD79b antibody.

Storage

Aliquot the CD79b antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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