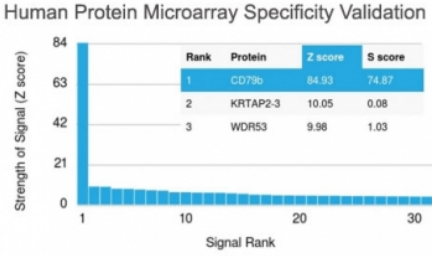
CD79b Antibody IGB/1844 / Microarray Validated [clone IGB/1844] (V3956)

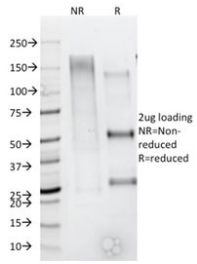
Catalog No.	Formulation	Size
V3956-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3956-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3956SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-2 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	IGB/1844
Purity	Protein G affinity chromatography
UniProt	P40259
Localization	Cell surface
Applications	ELISA: 2-4ug/ml (order BSA/azide-free format)
Limitations	This CD79b Antibody IGB/1844 is available for research use only.



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using CD79b Antibody IGB/1844. These results demonstrate the foremost specificity of the IGB/1844 mAb.
Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



SDS-PAGE analysis of purified, BSA-free CD79b antibody (clone IGB/1844) 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 IGB/1844 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
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