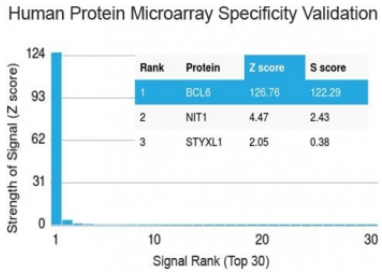
Bcl6 Antibody [clone BCL6/1527] (V3496)

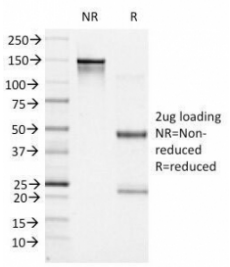
Catalog No.	Formulation	Size
V3496-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3496-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3496SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

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	BCL6/1527
Purity	Protein G affinity chromatography
UniProt	P41182
Localization	Nuclear
Applications	ELISA: 1-5ug/ml for 30 min at RT
Limitations	This Bcl6 antibody is available for research use only.



Protein array validation of the Bcl6 antibody: Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using Bcl6 antibody (clone BCL6/1527). These results demonstrate the foremost specificity of the BCL6/1527 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 Bcl6 antibody (clone BCL6/1527) as confirmation of integrity and purity.

Description

Antibody to Bcl-6 is helpful in a number of diagnostic settings: First, in the differential diagnosis of small B-cell lymphoma. Follicular lymphoma will show Bcl-6 (and CD10) positivity whereas other small B-cell lymphomas are usually negative. Second, Bcl-6 is an important prognostic marker in diffuse large B-cell lymphomas (DLBCL), where CD10, Bcl-6 and MUM1/IRF4 are used to identify germinal center and activated B-cell phenotypes. Third, Bcl-6 can be valuable in distinguishing classical Hodgkin lymphoma from nodular lymphocyte predominant Hodgkin lymphoma (NLPHL). The Reed-Sternberg cells of classical Hodgkin lymphoma are bcl-6 negative whereas the large (L&H) cells of NLPHL are bcl-6 positive. In contrast, anti-Bcl-6 rarely stains mantle-cell lymphoma and MALT lymphoma.

Application Notes

Optimal dilution of the Bcl6 antibody should be determined by the researcher.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

Amino acids 256-389 were used as the immunogen for the Bcl6 antibody.

Storage

Store the Bcl6 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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