Product Datasheet

Bcl-6 Antibody (BCL6/1475)
NBP2-59596-100ug

Unit Size: 100 ug

Store at 4C.

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Publications: 1

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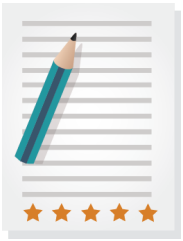
Updated 10/23/2024 v.20.1



NBP2-59596-100ug

Bcl-6 Antibody (BCL6/1475)

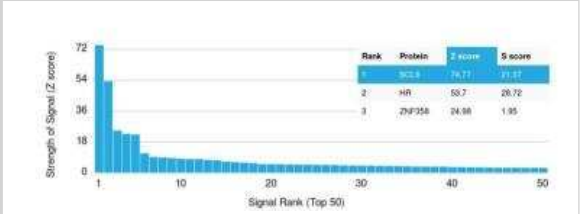
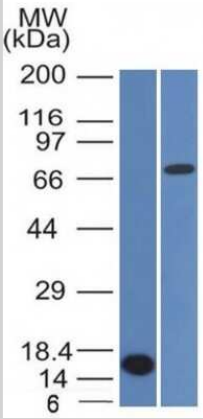
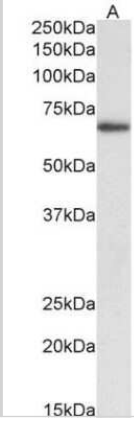
Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	BCL6/1475
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	95 kDa

Product Description	
Description	Positive Control: Raji or Ramos cells. Tonsil 200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-59597) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	604
Gene Symbol	BCL6
Species	Human
Marker	Follicular Lymphoma Marker
Specificity/Sensitivity	The specificity of this monoclonal antibody to its intended target was validated by HuProtTM Array, containing more than 19,000, full-length human proteins. Recognizes a protein of 95kDa, which is identified as Bcl-6. Antibody to bcl-6 is helpful in a number of diagnostic settings: (1) 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. (2) 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. (3) 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 ('LH') cells of NLPHL are bcl-6 positive. In contrast, anti-Bcl-6 rarely stains mantle-cell lymphoma and MALT lymphoma.
Immunogen	Recombinant human bcl-6 protein fragment (around aa256-389) (exact sequence is proprietary) (Uniprot: P41182)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Protein Array
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 0.5-1 ug/million cells, Protein Array 1:100-1:2000

Application Notes	Optimal dilution for a specific application should be determined.

Images

Protein Array: Bcl-6 Antibody (BCL6/1475) [NBP2-59596] - Bcl-6 Antibody [NBP2-59596] - Using more than 19000 full-length human proteins. Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (in combination with a fluorescently-tagged anti-IgG secondary AB) produces when binding to a protein on the HuProt array. Z-scores are described in units of standard deviations above the mean value of all signals generated on that array. If targets on HuProt are arranged in descending order of the Z-score, the S-score is the difference between the Z-score. S-score therefore represents the relative target specificity of ab to its intended target. An Ab is considered specific to its intended target, if the Ab has an S-score of at least 2.5. For example, if Ab binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that Ab to protein X is equal to 29.	
Western Blot: Bcl-6 Antibody (BCL6/1475) [NBP2-59596] - Western Blot Analysis (A) Recombinant Protein (B) HepG2 cell lysate Bcl-6 Antibody (BCL6/1475).	
Western Blot: Bcl-6 Antibody (BCL6/1475) [NBP2-59596] - Analysis (A) Recombinant Protein (B) HepG2 Cell lysateUsing bcl-6 Monoclonal Antibody (BCL6/1475).	

Publications

Chen YP, Yin JH, Li WF et al. Single-cell transcriptomics reveals regulators underlying immune cell diversity and immune subtypes associated with prognosis in nasopharyngeal carcinoma Cell Res. 2020-07-20 [PMID: 32686767] (FLOW, Human)

Details:
Citation using the Azide and BSA Free format of this antibody.

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Products Related to NBP2-59596-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00000604-Q01-10ug	Recombinant Human Bcl-6 GST (N-Term) Protein

Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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