

Datasheet for ABIN6940523
anti-BCL6 antibody (AA 256-389)

3 Images

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Overview

Quantity:	100 µg
Target:	BCL6
Binding Specificity:	AA 256-389
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BCL6 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Staining Methods (StM), Coating (Coat)

Product Details

Immunogen:	Recombinant human bcl-6 protein fragment (around aa256-389) (exact sequence is proprietary)
Clone:	BCL6-1982
Isotype:	IgG1 kappa
Specificity:	Recognizes a protein of 95 kDa, 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

Product Details

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.

Purification: Purified by Protein A/G

Target Details

Target: BCL6

Alternative Name: BCL6 ([BCL6 Products](#))

Molecular Weight: 95kDa

Gene ID: 604

UniProt: [P41182](#)

Pathways: [Chromatin Binding](#), [Regulation of Leukocyte Mediated Immunity](#), [Production of Molecular Mediator of Immune Response](#), [Protein targeting to Nucleus](#)

Application Details

Application Notes: Positive Control: Raji or Ramos cells. Tonsil or Hodgkin's lymphoma.
Known Application: ELISA (Use Ab at 2-4 µg/mL for coating) (Order Ab without BSA), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

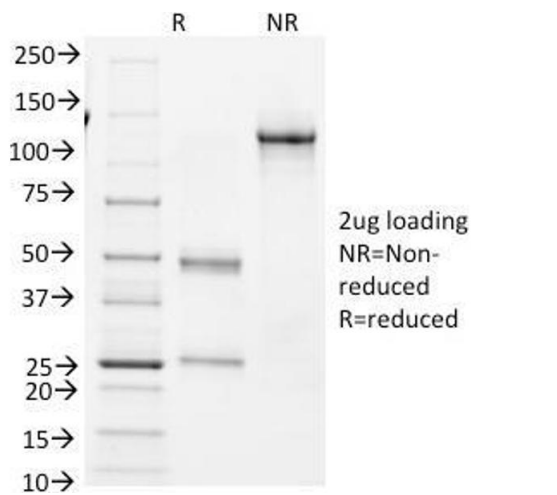
Storage: 4 °C, -80 °C

Handling

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

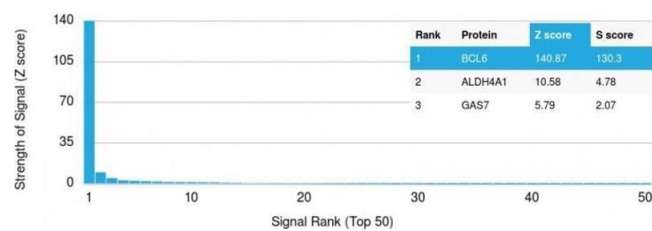
Expiry Date: 24 months

Images



SDS-PAGE

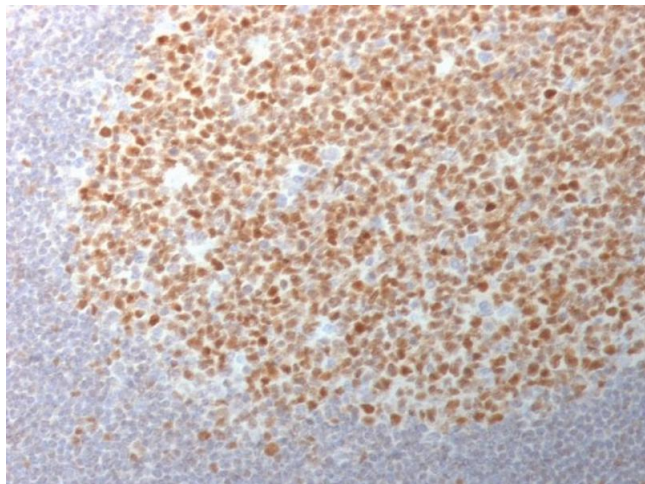
Image 1. SDS-PAGE Analysis Purified BCL-6 Mouse Monoclonal Antibody (BCL6/1982). Confirmation of Integrity and Purity of Antibody.



Protein Array

Image 2. Analysis of Protein Array containing more than 19,000 full-length human proteins using BCL-6 Mouse Monoclonal Antibody (BCL6/1982). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (Monoclonal Antibody) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) 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 (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to specific to its intended target, if the Monoclonal Antibody has an S-score of at least 2.5. For example, if a Monoclonal Antibody 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 Monoclonal Antibody to protein X is equal to 29.



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Tonsil stained with BCL-6 Mouse Monoclonal Antibody (BCL6/1982).