abcam

Product datasheet

Anti-Bcl6 antibody [BCL6/1527] - BSA and Azide free ab218952

1 References 2 Images

Overview

Product name	Anti-Bcl6 antibody [BCL6/1527] - BSA and Azide free
Description	Mouse monoclonal [BCL6/1527] to Bcl6 - BSA and Azide free
Host species	Mouse
Tested applications	**Suitable for:** IHC-P, Protein Array
Species reactivity	**Reacts with:** Human
Immunogen	Recombinant fragment within Human Bcl6 aa 256-389. The exact sequence is proprietary. Database link: **P41182**
Positive control	Human tonsil tissue.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Constituent: 100% PBS
Carrier free	Yes
Purity	Protein G purified
Purification notes	ab218952 was purified from Bioreactor Concentrate by Protein A/G.
Clonality	Monoclonal
Clone number	BCL6/1527

Isotype	IgG1
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab218952 in the following tested applications.

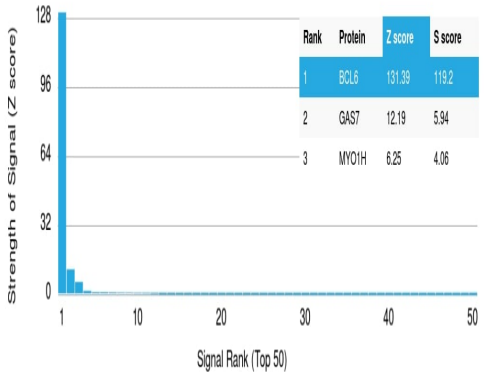
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 1 - 2 µg/ml. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. (Primary incubation for 30 min at RT).
Protein Array		Use at an assay dependent concentration.

Target

Function	Transcriptional repressor which is required for germinal center formation and antibody affinity maturation. Probably plays an important role in lymphomagenesis.
Tissue specificity	Expressed in germinal center T and B cells and in primary immature dendritic cells.
Involvement in disease	Note=Chromosomal aberrations involving BCL6 may be a cause of B-cell non-Hodgkin lymphoma. Translocation t(3;14)(q27;q32); translocation t(3;22)(q27;q11) with immunoglobulin gene regions. Note=A chromosomal aberration involving BCL6 may be a cause of a form of B-cell leukemia. Translocation t(3;11)(q27;q23) with POU2AF1/OBF1. Note=A chromosomal aberration involving BCL6 may be a cause of lymphoma. Translocation t(3;4)(q27;p11) with ARHH/TTF.
Sequence similarities	Contains 1 BTB (POZ) domain. Contains 6 C2H2-type zinc fingers.
Domain	The BTB domain mediates homodimerization. Its dimer interface mediates peptide binding such as to corepressors BCOR and NCOR2.
Post-translational modifications	Phosphorylated by MAPK1 in response to antigen receptor activation. Phosphorylation induces its degradation by ubiquitin/proteasome pathway.
Cellular localization	Nucleus.

Images



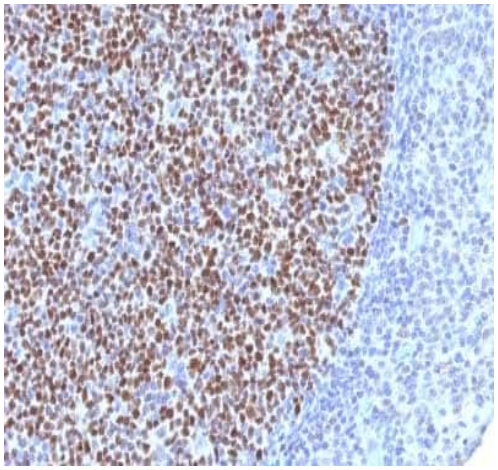
Protein Array - Anti-Bcl6 antibody [BCL6/1527] - BSA and Azide free (ab218952)

This data was produced with **ab218509**, the same antibody in a different formulation with BSA and Azide.

ab218509 was tested in protein array against over 19000 different full-length human proteins.

Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM 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 HuProtTM 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 MAb to its intended target.

A MAb is specific to its intended target if the MAb has an S-score of at least 2.5. For example, if a MAb 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 MAb to protein X is equal to 29.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Bcl6 antibody [BCL6/1527] - BSA and Azide free (ab218952)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded human tonsil tissue labeling Bcl6 with ab218952 at 2 µg/ml.

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