Datasheet for ABIN6940523

**anti-BCL6 antibody (AA 256-389)**

### Overview

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

### Product Details

<table>
<thead>
<tr>
<th>Immunogen:</th>
<th>Recombinant human bcl-6 protein fragment (around aa256-389) (exact sequence is proprietary)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clone:</td>
<td>BCL6-1982</td>
</tr>
<tr>
<td>Isotype:</td>
<td>IgG1 kappa</td>
</tr>
<tr>
<td>Specificity:</td>
<td>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</td>
</tr>
</tbody>
</table>
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


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 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 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).