

## Mouse anti-Human BCL9 Monoclonal Antibody | anti-BCL9 antibody

Mouse monoclonal antibody Anti-Human BCL9

|                              |                      |                            |                                 |
|------------------------------|----------------------|----------------------------|---------------------------------|
| CATALOG #<br><b>AAA36383</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Dot Blot</b> |
|------------------------------|----------------------|----------------------------|---------------------------------|

### PRODUCT SYNONYMS

BCL9; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human BCL9; Homo sapiens B-cell CLL/lymphoma 9 (BCL9); LGS; MGC131591; anti-BCL9 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Reactivity                                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Clonality                                      | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Isotype                                        | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Clone Number                                   | 2071C3a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Form/Format                                    | Mouse monoclonal anti-human BCL9 antibody in PBS (3.0 mM KCl, 1.5 mM $\text{KH}_2\text{PO}_4$ , 140mM NaCl, 8.0 mM $\text{Na}_2\text{HPO}_4$ (pH 7.4)) containing 1% bovine serum albumin (BSA) and 0.05% sodium azide ( $\text{NaN}_3$ )                                                                                                                                                                                                                                                                                                                                                                                             |
| Sequence Length                                | 6192                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Applicable Applications for anti-BCL9 antibody | DB (Dot Blot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Preparation                                    | This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Immunogen                                      | Recombinant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Sterility                                      | Filtered through a 0.22 um membrane.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Disposal                                       | This antibody solution contains sodium azide ( $\text{NaN}_3$ ) as a preservative. There is a potential hazard that $\text{NaN}_3$ reacts with copper or lead to produce an explosive compound. For safe disposal, the vial has to be washed thoroughly with water.                                                                                                                                                                                                                                                                                                                                                                   |
| Note                                           | <p>Caution must be taken to avoid contact with skin or eyes. In such case, rinse thoroughly at once with water. Do not ingest, inhale, or swallow. Seek medical attention immediately. Wear appropriate protective clothing such as laboratory overalls, safety glasses and gloves. It is strongly advised that this product should be handled by people who have been well trained laboratory techniques and that is handled with care pursuant to the principles of good laboratory practice. All chemicals are deemed potentially harmful.</p> <p>The vial is prone to fall over. Use caution, especially when the lid is off.</p> |
| Preparation and Storage                        | <p>Store at 2-8°C for up to one year.</p> <p>We recommend storing at -20°C for long term storage.</p> <p>Avoid repeat freezing and thawing cycles.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

IMAGES



Quality Control #2  
Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control  
Western blot analysis of immunized recombinant protein, using anti-BCL9 monoclonal antibody.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-BCL9 antibody | BCL9 is associated with B-cell acute lymphoblastic leukemia. It may be a target of translocation in B-cell malignancies with abnormalities of 1q21. Its function is unknown. The overexpression of BCL9 may be of pathogenic significance in B-cell malignancies. [NCBI Entrez Gene Summary] |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------|
| NCBI GI #                        | 523425752                                                                                |
| NCBI GeneID                      | 607                                                                                      |
| NCBI Accession #                 | NP_004317.2                                                                              |
| NCBI GenBank Nucleotide #        | NM_004326                                                                                |
| NCBI Official Full Name          | Homo sapiens B-cell CLL/lymphoma 9 (BCL9), mRNA                                          |
| NCBI Official Synonym Full Names | B-cell CLL/lymphoma 9                                                                    |
| NCBI Official Symbol             | BCL9                                                                                     |
| NCBI Official Synonym Symbols    | LGS                                                                                      |
| NCBI Protein Information         | B-cell CLL/lymphoma 9 protein; B-cell lymphoma 9 protein; bcl-9; protein legless homolog |
| UniProt Protein Name             | B-cell CLL/lymphoma 9 protein                                                            |
| UniProt Gene Name                | BCL9                                                                                     |
| UniProt Entry Name               | BCL9_HUMAN                                                                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/bcl9-antibody-clone-2071c3a-dot-blot-elisa/36383>