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## Datasheet for ABIN6991882 **anti-BimEL antibody (N-Term)**

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 0.1 mg   |
| Target:              | BimEL  |
| Binding Specificity: | AA 20-70, N-Term   |
| Reactivity:          | Rat, Human, Mouse  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This BimEL antibody is un-conjugated   |
| Application:         | Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF) |

### Product Details

|               |   |
|---------------|---|
| Immunogen:    | Bim EL antibody was raised against a peptide corresponding to 15 amino acids near the amino terminus of human Bim. The immunogen is located within amino acids 20 - 70 of Bim EL. |
| Isotype:      | IgG   |
| Specificity:  | Bim EL antibody is human and mouse reactive. Multiple isoforms of Bim are known to exist, this antibody only detects the Bim EL isoform.  |
| Purification: | Bim EL Antibody is affinity chromatography purified via peptide column.   |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | BimEL                                     |
| Alternative Name: | Bim EL ( <a href="#">BimEL Products</a> ) |

## Target Details

|                   |   |
|-------------------|---|
| Background:       | Bim EL Antibody: Members in the Bcl-2 family are critical regulators of apoptosis by either inhibiting or promoting cell death. Bcl-2 homology 3 (BH3) domain is a potent death domain. BH3 domain containing pro-apoptotic proteins, including Bad, Bax, Bid, Bik, and Hrk, form a growing subclass of the Bcl-2 family. Bim, also known as Bcl-2-like protein 11, is a pro-apoptotic member of this family and interacts with diverse members in the pro-survival Bcl-2 sub-family including Bcl-2, Bcl-xL and Bcl-w. Multiple isoforms of Bim are known to exist, with Bim EL being the longest isoform (1,2). |
| Molecular Weight: | Predicted: 22 kDa<br><br>Observed: 24 kDa   |
| Gene ID:          | 10018   |
| NCBI Accession:   | <a href="#">NP_619527</a>   |
| UniProt:          | <a href="#">O43521</a>  |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | Bim EL antibody can be used for detection of Bim EL by Western blot at 1 - 2 µg/mL.<br><br>Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. |
| Restrictions:      | For Research Use only  |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 mg/mL  |
| Buffer:            | Bim EL Antibody is supplied in PBS containing 0.02 % sodium 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:           | -20 °C, 4 °C   |
| Storage Comment:   | Bim EL antibody can be stored at 4°C for three months and -20°C, stable for up to one year.                            |