

## Product datasheet for **AM31856BT-L**

### **BCL3 Hamster Monoclonal Antibody [Clone ID: Ham150-3.5]**

#### **Product data:**

|                       |  |
|-----------------------|--|
| Product Type:         | Primary Antibodies   |
| Clone Name:           | Ham150-3.5   |
| Applications:         | ELISA  |
| Recommended Dilution: | This Clone has been described to work in <b>ELISA</b> , <b>Western Blot</b> and <b>Flow Cytometry</b> .  |
| Reactivity:           | Human, Mouse   |
| Host:                 | Hamster  |
| Isotype:              | IgG1   |
| Clonality:            | Monoclonal   |
| Immunogen:            | Recombinant Bcl-3-6-histidine tag from Armenian Hamster.<br>Fusion Partner: SP2/0 myeloma.   |
| Specificity:          | Recognizes B-cell Leukemia/lymphoma 3  |
| Formulation:          | PBS containing 0.02% Sodium Azide as preservative and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml.<br>Label: Biotin<br>State: Liquid purified IgG fraction. |
| Concentration:        | lot specific   |
| Purification:         | Protein G Affinity Chromatography.   |
| Conjugation:          | Biotin   |
| Storage:              | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing.  |
| Stability:            | Shelf life: one year from despatch.  |
| Gene Name:            | B-cell CLL/lymphoma 3  |
| Database Link:        | <a href="#">Entrez Gene 602 Human P20749</a>   |



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**Background:**

B cell Lymphoma 3 is a member of the I $\kappa$ B subfamily of inhibitors. This subfamily is part of the NF- $\kappa$ B transcription factor protein family and it is suggested that a balance in the concentration of various NF- $\kappa$ B family members regulates apoptosis and survival of activated T cells.

Bcl-3 has been shown to have versatile functions such as cytoplasmic activation of p50 homodimers, translocation to the nucleus, and modulation of the transcriptional machinery in the nucleus. Bcl-3 activity often relies on several nuclear interacting proteins such as Tip60, Jab1, Bard1, and Pirin. The Mouse Bcl-3 coding region exhibits 80% homology with Human Bcl-3 which is associated with human B-cell chronic lymphocytic leukemias (CLLs). Bcl-3 is detected in various tissues such as spleen and other lymphoid organs.

**Synonyms:**

BCL3, BCL4, D19S37

**Protein Families:**

Druggable Genome, Transcription Factors