

## Product datasheet for **AM31856BT-N**

### **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, 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. 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. Label: Biotin 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. 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