

## PRODUCT DATA SHEET

**Product:** Anti-Bcl-3, clone Ham150-3.5

**Cat. No.:** MC-346 (100 µg)

**Background:**

B cell lymphoma 3 (Bcl-3) is a member of the IκB subfamily of inhibitors. This subfamily is part of the NF-κB transcription factor protein family and it is suggested that a balance in the concentration of various NF-κB 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 interaction proteins such as Tip60, Jab1, Bard1 and Pirin.

**Specificity:**

Specific human and mouse Bcl-3 from transfected cells and shows no cross-reactivity to other Bcl isoforms. By Western blots, this antibody detects an ~47 kDa protein representing Bcl-3 from C57Bl/6 human T cells and Bcl-3 from transgenic mouse T cells.

**Species Reactivity:**

Reacts with human and mouse Bcl-3. Other species not tested.

**Ig Isotype:**

Hamster IgG

**Immunogen:**

Full length mouse Bcl-3 protein.

**Format:**

100 µL of a 1 mg/mL solution of Protein G purified IgG. Prepared in PBS with protein stabilizer and 0.05% sodium azide.

**Storage:**

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

**Applications and Suggested Dilutions:**

- ELISA
- Western Blot: 2 µg/mL

The optimal dilution for a specific application should be determined by the researcher.

**Limitations:**

For *in vitro* research use only. Not for use in diagnostics or in humans.

**Warranty:**

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.

Fig. 1

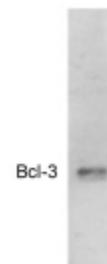


Figure 1 shows a Western blot of Bcl-3 in transgenic mouse T cells using MC-346.