

## Anti-Bcl-3 Monoclonal Antibody

### **ORDERING INFORMATION**

**Catalog No.:** 11067 (clone 150-3.5)

**Size:** 100ug IgG in PBS, pH 7.4, purified by Protein G affinity chromatography.

### **BACKGROUND**

The gene encoding Bcl-3 was first identified as the gene altered in some cases of chronic B cell lymphocytic leukemia and was later found to belong to the I $\kappa$ B subfamily of inhibitors of NF $\kappa$ B transcription factors. Bcl-3 does not have DNA-binding activity, but it interacts with NF $\kappa$ B1 and NF $\kappa$ B2 which, when bound to DNA, repress gene transcription. Therefore, Bcl-3 may promote gene expression that is repressed by members of the NF $\kappa$ B family. Bcl-3 RNA is highly expressed in spleen and liver with lower levels of expression in heart, skeletal muscle, lung, kidney, and testes.

### **SPECIFICATION SUMMARY**

**Immunogen:** Recombinant mouse Bcl-3-6His.

**Host Species:** Hamster

**Subtype:** IgG1

**Stabilizers:** None

**Preservatives:** None. Available on request.

### **SPECIFICITY**

This antibody recognizes human and mouse Bcl-3.

### **APPLICATIONS**

*Immunoblotting:* use at 2ug/ml. A band of approx. 64kDa is detected.

*ELISA:* Enduser should determine optimal concentration for each sample.

*Positive control:* Jurkat T cell lysate.

**See Bassetti MFJ et al. 2009 International Immunology 21: 339-348.**

### **DILUTION INSTRUCTIONS**

Dilute in PBS or medium which is identical to that used in the assay system.

### **STORAGE AND STABILITY**

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

*For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.*