

## Monoclonal Mouse Antibody to BAG-1 (RAP46 Protein)

**Catalog No.:** Mob 335, Mob 335-05

**Applications:** Research Use Only. Optimal working conditions must be determined by the end user.

**Immunogen:** BALB/C mice were injected with full length recombinant human BAG-1 protein.

**Clone:** 3.10G3E2

**Isotype:** IgG1

**Format:** This antibody is supplied as purified immunoglobulin fraction containing sodium azide as a preservative.

**Titer/Working Dilution:** This antibody may be diluted to a titer of 1:25-1:50 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.

**Immuno-Staining:** We suggest an incubation period of 30 minutes at room temperature. Optimal incubation should be determined by the end user based upon the fixation conditions and staining system employed. Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.

**Positive Control:** Breast carcinoma

**Cellular Localization:** Nuclear, cytoplasmic

**Other Applications:** Immunoprecipitation, Western Blotting (1:100-500).

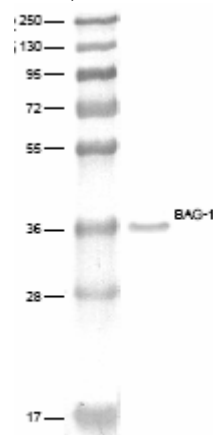
**Specificity:** This antibody reacts with a 36 kD protein known as BAG-1, a multifunctional protein which regulates several cellular processes including cell survival, signal transduction, and protein folding. BAG-1 blocks apoptosis and interacts with several types of proteins, including bcl-2 family proteins, the kinase Raf-1, tyrosine kinase growth factor receptors, and steroid hormone receptors.

**Storage:** Store at 2-8°C. Do not use beyond the expiration date stated on the label.

### References:

- i) Hohfeld et al. J Biol Chem 379 (3): 269, 1998.
- ii) Takayama et al. EMBO 16 (16): 4887, 1997.

### KDa, Protein Ladder



Western blot analysis of human lung cell extract with BAG-1 (Mob335) antibody.

### RUO: Research Use Only

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

**DBS**

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