

## Product datasheet for **TA811740AM**

### **BAG5 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI4E5]**

#### **Product data:**

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Clone Name:             | OTI4E5  |
| Applications:           | WB  |
| Recommended Dilution:   | WB 1:2000   |
| Reactivity:             | Human, Mouse, Rat   |
| Host:                   | Mouse   |
| Isotype:                | IgG1  |
| Clonality:              | Monoclonal  |
| Immunogen:              | Human recombinant protein fragment corresponding to amino acids 290-440 of human BAG5 (NP_001015048) produced in E.coli.  |
| Formulation:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.  |
| Concentration:          | 0.5 mg/ml   |
| Purification:           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)   |
| Conjugation:            | Biotin  |
| Storage:                | Store at -20°C as received.   |
| Stability:              | Stable for 12 months from date of receipt.  |
| Predicted Protein Size: | 56.03 kDa   |
| Gene Name:              | BCL2 associated athanogene 5  |
| Database Link:          | <a href="#">NP_001015048</a><br><a href="#">Entrez Gene 70369 Mouse</a> <a href="#">Entrez Gene 366734 Rat</a> <a href="#">Entrez Gene 9529 Human</a><br><a href="#">Q9UL15</a> |



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**Background:**

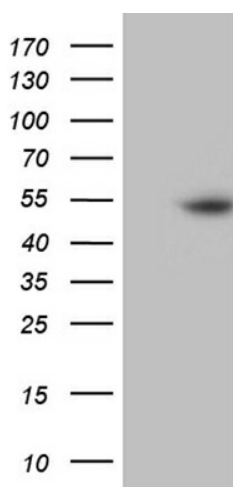
The protein encoded by this gene is a member of the BAG1-related protein family. BAG1 is an anti-apoptotic protein that functions through interactions with a variety of cell apoptosis and growth related proteins including BCL-2, Raf-protein kinase, steroid hormone receptors, growth factor receptors and members of the heat shock protein 70 kDa family. This protein contains a BAG domain near the C-terminus, which could bind and inhibit the chaperone activity of Hsc70/Hsp70. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Synonyms:**

BAG-5

**Protein Families:**

Druggable Genome

**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY BAG5 (Cat# [RC212765], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-BAG5 (Cat# [TA811740])(1:2000). Positive lysates [LY425379] (100ug) and [LC425379] (20ug) can be purchased separately from OriGene.