

# BAG3 Monoclonal antibody, PBS Only

Catalog Number: 68076-1-PBS

## Basic Information

**Catalog Number:**

68076-1-PBS

**Size:**

1 mg/ml

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG17608

**GenBank Accession Number:**

BC006418

**GeneID (NCBI):**

9531

**UNIPROT ID:**

O95817

**Full Name:**

BCL2-associated athanogene 3

**Calculated MW:**

61 kDa

**Observed MW:**

74 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

4G6C2

## Applications

**Tested Applications:**

WB, IF, ELISA

**Species Specificity:**

Human, mouse, rabbit, pig, rat

## Background Information

BAG3 (Bcl2-associated athanogene 3) belongs to the BAG protein family, the co-chaperone that binds to Hsc70/Hsp70 through the BAG domain and modulates their activity in polypeptide folding. BAG3 contains also a WW domain and a proline-rich (PXXP) repeat, that mediate binding to partners different from Hsp70. Through interacting with different molecular partner, BAG3 influences several cell processes, such as apoptosis, autophagy and cell motility. BAG3 protein has been reported to sustain cell survival, resistance to therapy, and/or motility and metastatization in several tumor types, thus being identified as a potential target for anticancer therapies. In addition, defects in BAG3 are the cause of some myopathy.

## Storage

**Storage:**

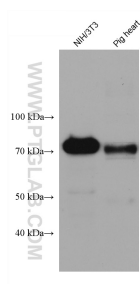
Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

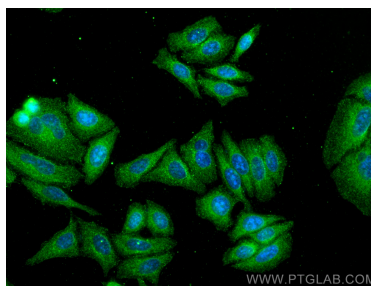
**Storage Buffer:**

PBS only

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68076-1-Ig (BAG3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68076-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using BAG3 antibody (68076-1-Ig, Clone: 4G6C2 ) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 68076-1-PBS in a different storage buffer formulation.