

## ATG4A monoclonal antibody

Catalog: MB22589

Host: Mouse

Reactivity: Human

### BackGround:

Autophagy is the process by which endogenous proteins and damaged organelles are destroyed intracellularly. Autophagy is postulated to be essential for cell homeostasis and cell remodeling during differentiation, metamorphosis, non-apoptotic cell death, and aging. Reduced levels of autophagy have been described in some malignant tumors, and a role for autophagy in controlling the unregulated cell growth linked to cancer has been proposed. This gene encodes a member of the autophagin protein family. The encoded protein is also designated as a member of the C-54 family of cysteine proteases.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

45.4kDa

### Swiss-Prot:

Q8WYN0

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

FC:1/200 - 1/400

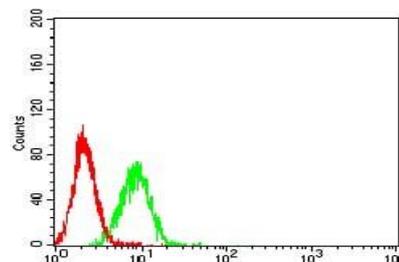
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

Mouse IgG1

### DATA:



Flow cytometric analysis of K562 cells using ATG4A mouse mAb (green) and negative control (red).

### Note:

For research use only, not for use in diagnostic procedure.

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