

ATG3 monoclonal antibody

Catalog: MB22334

Host: Mouse

Reactivity: Human

BackGround:

This gene encodes a ubiquitin-like-conjugating enzyme and is a component of ubiquitination-like systems involved in autophagy, the process of degradation, turnover and recycling of cytoplasmic constituents in eukaryotic cells. This protein is known to play a role in regulation of autophagy during cell death. A pseudogene of this gene is located on chromosome 20. Alternative splicing results in multiple transcript variants encoding different isoforms.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

35.9kDa

Swiss-Prot:

Q9NT62

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:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 IF:1/200 - 1/1000
FC:1/200 - 1/400

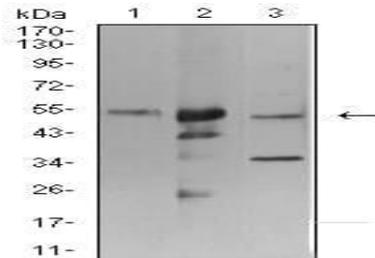
Storage&Stability:

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

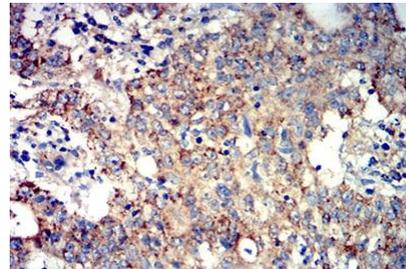
Isotype:

Mouse IgG1

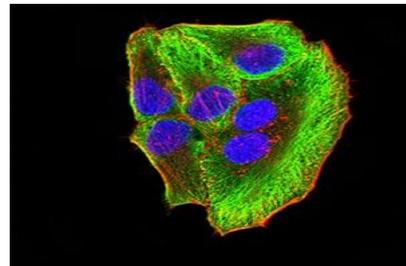
DATA:



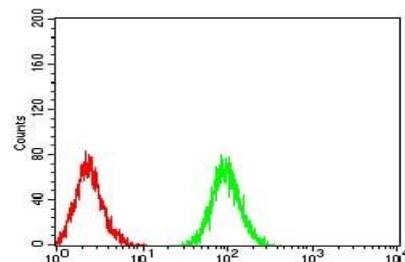
Western blot analysis using ATG3 mouse mAb against K562 (1), HeLa (2), and THP-1 (3) cell lysate.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissues using ATG3 mouse mAb with DAB staining.



Immunofluorescence analysis of SMMC-7721 cells using ATG3 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



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PRODUCT DATA SHEET

Bioworld Technology, Inc.

Flow cytometric analysis of Jurkat cells using ATG3 mouse mAb
(green) and negative control (red).

Note:

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

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