

ATG5 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3022
Host	Mouse
Isotype	Mouse IgG2b
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human ATG5 (AA: 144-275) expressed in E. Coli.
Mol wt	32.4kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	ICC,FCM
Concentration	N/A
Full name	N/A
Synonyms	ASP;APG5;APG5L;hAPG5;APG5-LIKE

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

N/A

Recommended Dilution

WB: 1:500 - 1:2000

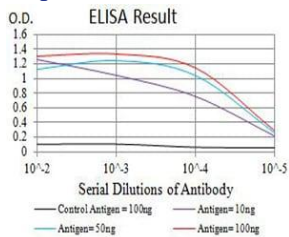
ICC: 1:100 - 1:500

FCM: 1:200 - 1:400

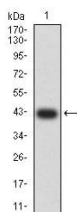
ELISA: 1:10000

Not yet tested in other applications.

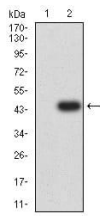
Images



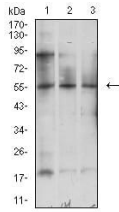
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



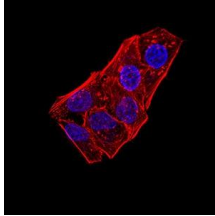
Western blot analysis using ATG5 mAb against human ATG5 (AA: 144-275) recombinant protein. (Expected MW is 41.5 kDa)



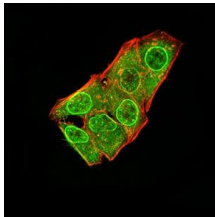
Western blot analysis using ATG5 mAb against HEK293 (1) and ATG5 (AA: 144-275)-hlgGFc transfected HEK293 (2) cell lysate.



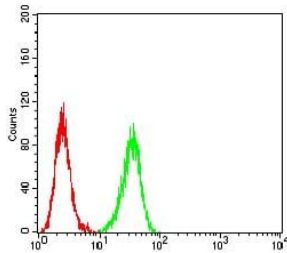
Western blot analysis using ATG5 mouse mAb against K562 (1), SH-SY5Y (2), and HCT116 (3) cell lysate.



Immunofluorescence analysis of HeLa cells using ATG5 mouse mAb. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Immunofluorescence analysis of HeLa cells using ATG5 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)



Flow cytometric analysis of HeLa cells using ATG5 mouse mAb (green) and negative control (red).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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