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**Product Name: ATG2A Mouse Monoclonal Antibody****Catalog #: AMM81821**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	ICC,ELISA,FC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	ICC 1:50-1:200,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	212.8kDa

**Antigen Information**

<b>Gene Name</b>	ATG2A
<b>Alternative Names</b>	ATG2A
<b>Gene ID</b>	23130.0
<b>SwissProt ID</b>	Q2TAZ0
<b>Immunogen</b>	Purified recombinant fragment of human ATG2A (AA: 325-429) expressed in E. Coli.

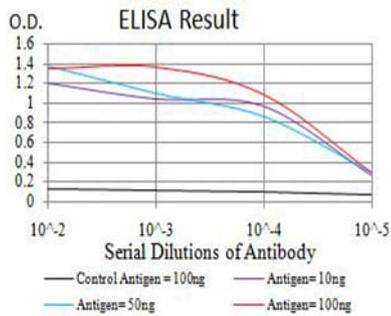
**Background**

ATG2A (Autophagy Related 2A) is a Protein Coding gene. An important paralog of this gene is ATG2B.

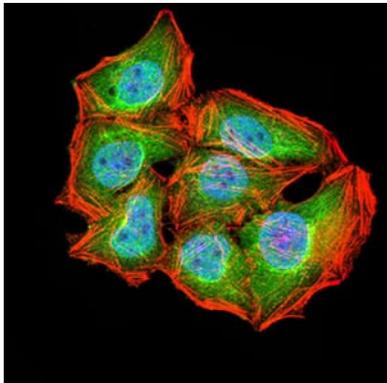
**Research Area**

Autophagy

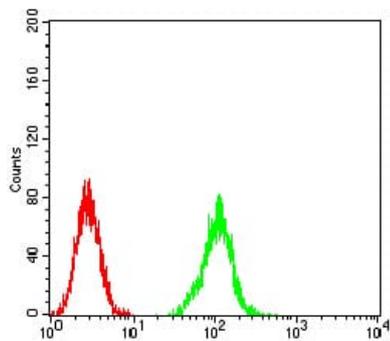
**Image Data**



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



Immunofluorescence analysis of HeLa cells using ATG2A mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Flow cytometric analysis of K562 cells using ATG2A mouse mAb (green) and negative control (red).