

产品名称: ATG3 Mouse Monoclonal Antibody
产品货号: AMM81851



产品概述 (Summary)

产品名称 (Production Name)	ATG3 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,ELISA
种属反应性 (Reactivity)	Human,Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ATG3
别名 (Alternative Names)	APG3; APG3L; PC3-96; APG3-LIKE
基因 ID (Gene ID)	64422.0
蛋白 ID (SwissProt ID)	Q9NT62.Purified recombinant fragment of human ATG3 (AA: 1-100) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	35.9kDa

研究背景 (Background)

This gene encodes a ubiquitin-like-conjugating enzyme and is a component of ubiquitination-like systems involved in

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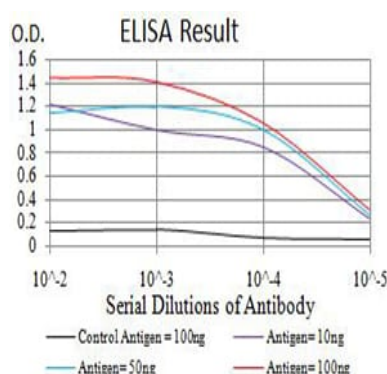


autophagy, the process of degradation, turnover and recycling of cytoplasmic constituents in eukaryotic cells. This protein is known to play a role in regulation of autophagy during cell death. A pseudogene of this gene is located on chromosome 20. Alternative splicing results in multiple transcript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

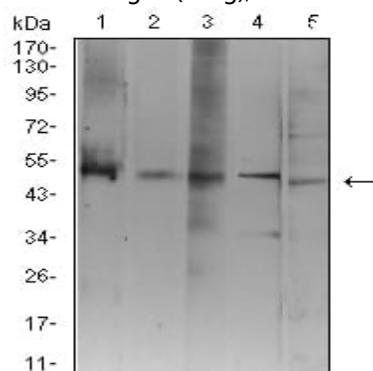
研究领域 (Research Area)

Autophagy

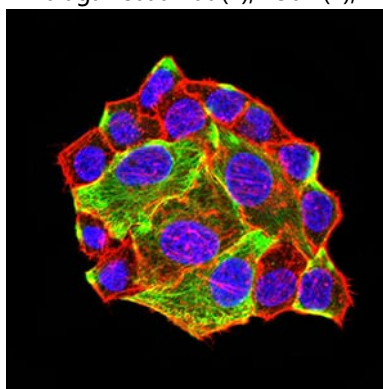
图片 (Image Data)



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



Western blot analysis using ATG3 mouse mAb against Jurkat (1), K562 (2), HeLa (3), THP-1 (4), and COS7 (5) cell lysate.

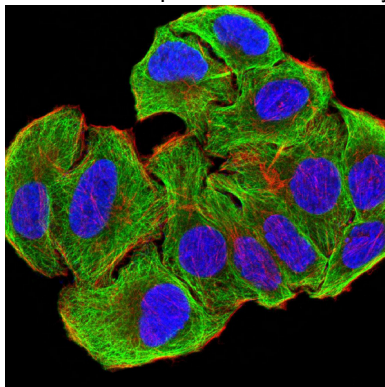


Immunofluorescence analysis of HeLa cells using ATG3 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin

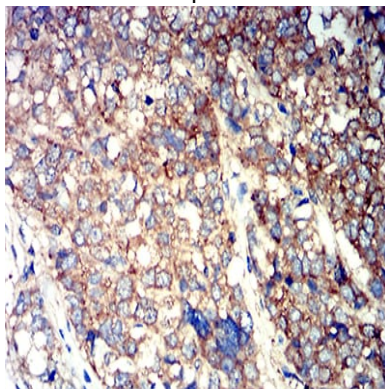
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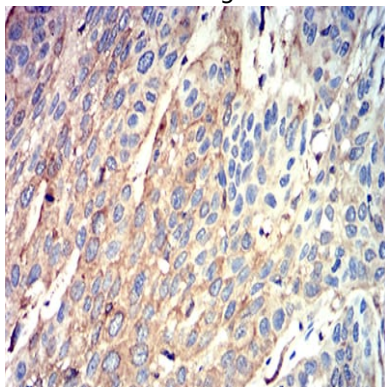
filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



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)



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



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

注意事项 (Note)

For research use only .