

产品名称: ATG7 Mouse Monoclonal Antibody
产品货号: AMM81850



产品概述 (Summary)

产品名称 (Production Name)	ATG7 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	ELISA,FC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG2b
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)	ATG7
别名 (Alternative Names)	GSA7; APG7L; APG7-LIKE
基因 ID (Gene ID)	10533.0
蛋白 ID (SwissProt ID)	O95352.Purified recombinant fragment of human ATG7 (AA: 558-703) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	78kDa

研究背景 (Background)

This gene encodes an E1-like activating enzyme that is essential for autophagy and cytoplasmic to vacuole transport. The

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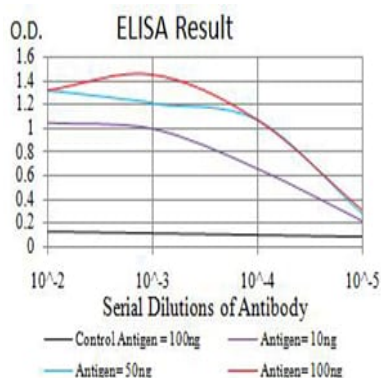


encoded protein is also thought to modulate p53-dependent cell cycle pathways during prolonged metabolic stress. It has been associated with multiple functions, including axon membrane trafficking, axonal homeostasis, mitophagy, adipose differentiation, and hematopoietic stem cell maintenance. Alternative splicing results in multiple transcript variants.

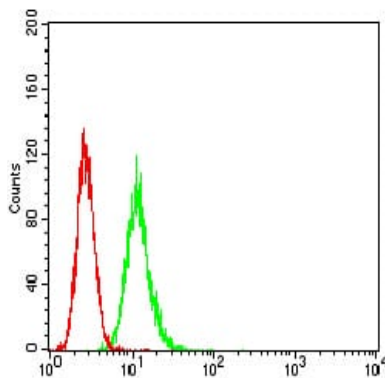
研究领域 (Research Area)

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)



Flow cytometric analysis of HeLa cells using ATG7 mouse mAb (green) and negative control (red).

注意事项 (Note)

For research use only .