

产品名称: ATG4B Mouse Monoclonal Antibody
产品货号: AMM82335



产品概述 (Summary)

产品名称 (Production Name)	ATG4B Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,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 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)	ATG4B
别名 (Alternative Names)	APG4B; AUTL1
基因 ID (Gene ID)	23192.0
蛋白 ID (SwissProt ID)	Q9Y4P1.Purified recombinant fragment of human ATG4B (AA: 1-221) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	44.3kDa

研究背景 (Background)

Autophagy is the process by which endogenous proteins and damaged organelles are destroyed intracellularly. Autophagy

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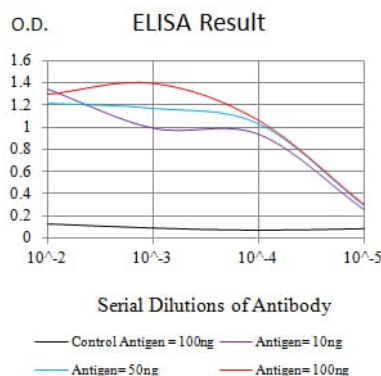


is postulated to be essential for cell homeostasis and cell remodeling during differentiation, metamorphosis, non-apoptotic cell death, and aging. Reduced levels of autophagy have been described in some malignant tumors, and a role for autophagy in controlling the unregulated cell growth linked to cancer has been proposed. This gene encodes a member of the autophagin protein family. The encoded protein is also designated as a member of the C-54 family of cysteine proteases. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]

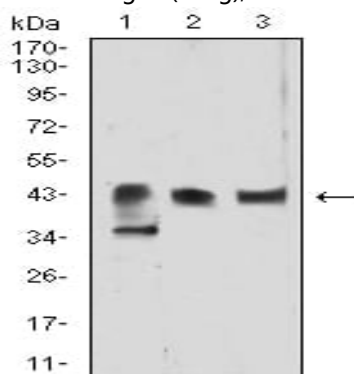
研究领域 (Research Area)

Autophagy

图片 (Image Data)

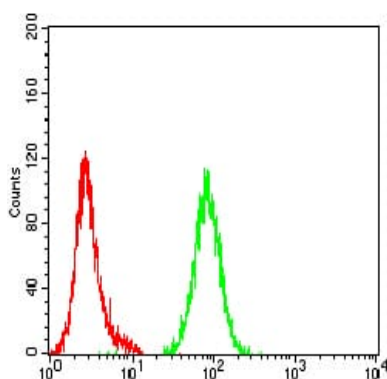


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using ATG4B mouse mAb against HeLa (1), Ramos (2), and Jurkat (3) cell lysate.

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Flow cytometric analysis of Hela cells using ATG4B mouse mAb (green) and negative control (red).

注意事项 (Note)

For research use only .