

Anti-ATG10 Antibody

Catalog # AP95677

Product Information

Application	WB, FC
Primary Accession	Q9H0Y0
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	25279

Additional Information

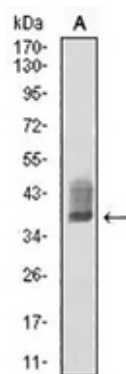
Gene ID	83734
Other Names	APG10L; Ubiquitin-like-conjugating enzyme ATG10; Autophagy-related protein 10; APG10-like
Target/Specificity	Recombinant fusion protein of human ATG10 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

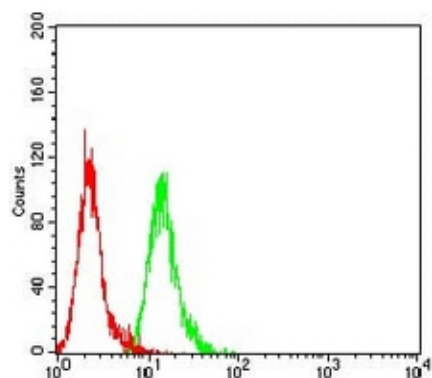
Name	ATG10
Synonyms	APG10L
Function	E2-like enzyme involved in autophagy. Acts as an E2-like enzyme that catalyzes the conjugation of ATG12 to ATG5. ATG12 conjugation to ATG5 is required for autophagy. Likely serves as an ATG5-recognition molecule. Not involved in ATG12 conjugation to ATG3 (By similarity). Plays a role in adenovirus-mediated cell lysis.
Cellular Location	Cytoplasm.

Images

Western blot analysis of ATG10 expression in K562 (A) whole cell lysates. (Predicted band size: 25 kD; Observed



band size: 38 kD)



Flow cytometric analysis of HeLa cells using Anti-ATG10 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.