

## Product datasheet for **TA324341**

### ATG4D Mouse Monoclonal Antibody [Clone ID: 222CT15.4.1]

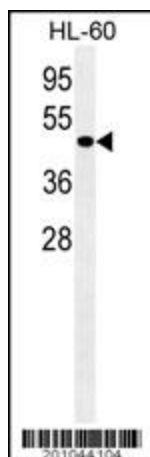
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	222CT15.4.1
Applications:	IF, WB
Recommend Dilution:	IF: 1:25, WB: 1:100~1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	This ATG4D monoclonal antibody is generated from mouse immunized with ATG4D recombinant protein.
Formulation:	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	0.5 mg/ml
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.
Predicted Protein Size:	52922 Da
Gene Name:	autophagy related 4D cysteine peptidase
Database Link:	<a href="#">NP_116274</a> <a href="#">Entrez Gene 84971</a> <a href="#">Human</a>
Synonyms:	APG4-D; APG4D; AUTL4
Protein Pathways:	Regulation of autophagy

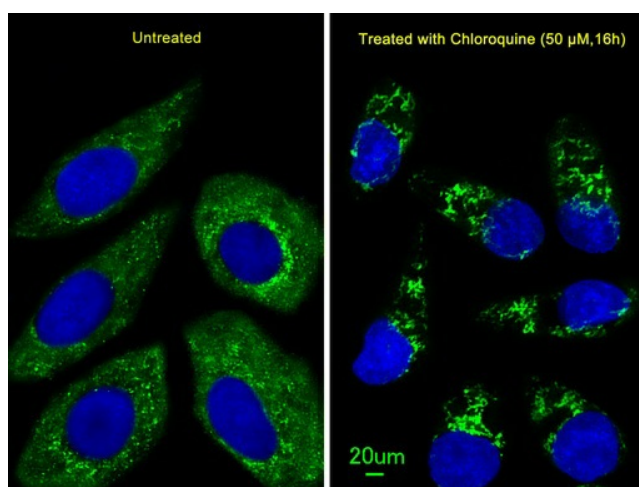


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## Product images:



ATG4D/[MB10250] antibody (Cat. #TA324341) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the ATG4D/[MB10250] antibody detected the ATG4D/[MB10250] protein (arrow).



Immunofluorescent analysis of U251 cells, using ATG4D Antibody (Cat. #TA324341). U251 cells (right) were treated with Chloroquine (50  $\mu$ M, 16h). TA324341 was diluted at 1:25 dilution. Dylight Fluor 488-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody (green). DAPI was used to stain the cell nuclear (blue).