

Product Name: Apg12(Atg12) Rabbit Monoclonal Antibody**Catalog #: AMRe83957**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ICC,FC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.59mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200,FC 1:20-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 15 kDa ; Observed MW: 22,55 kDa

Antigen Information

Gene Name	Apg12(Atg12)
Alternative Names	APG12-like; APG12L; ATG12; Autophagy 12; Autophagy-related protein 12; FBR93; HAPG12; Ubiquitin-like protein ATG12;;ATG12
Gene ID	
SwissProt ID	O94817
Immunogen	A synthesized peptide derived from human ATG12

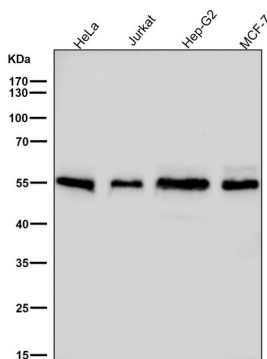
Background

Ubiquitin-like protein involved in autophagy vesicles formation. Conjugation with ATG5 through a ubiquitin-like conjugating system involving also ATG7 as an E1-like activating enzyme and ATG10 as an E2-like conjugating enzyme, is essential for its function.

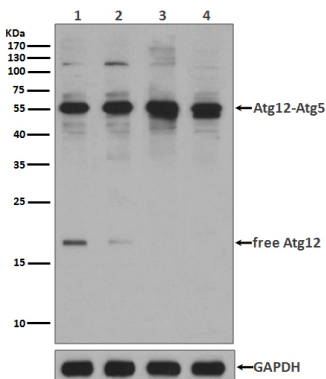
Research Area

Image Data

All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Western blot analysis of Apg12(Atg12) expression in 293 cell lysate.



Pyrroloquinoline quinine ameliorates doxorubicin-induced autophagy-dependent apoptosis via lysosomal-mitochondrial axis in vascular endothelial cells. -Toxicology

