
Product Name: ATG7 (1F8) Mouse Monoclonal Antibody**Catalog #: AMM00775**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:50-1:100
Molecular Weight	-

Antigen Information

Gene Name	ATG7
Alternative Names	hAGP7; Ubiquitin-activating enzyme E1-like protein; APG7L
Gene ID	10533
SwissProt ID	O95352
Immunogen	A synthetic peptide of human ATG7

Background

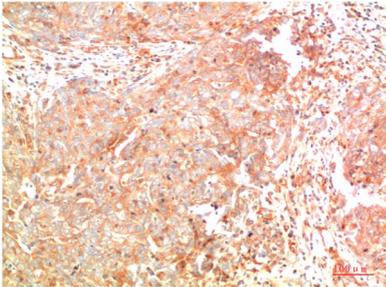
The molecular machinery of autophagy was largely discovered in yeast and referred to as autophagy-related (Atg) genes. Formation of the autophagosome involves a ubiquitin-like conjugation system in which Atg12 is covalently bound to Atg5 and

targeted to autophagosome vesicles. This conjugation reaction is mediated by the ubiquitin E1-like enzyme Atg7 and the E2-like enzyme Atg10.

Research Area

Cell Biology

Image Data



Immunohistochemistry analysis of paraffin-embedded Human Breast Carcinoma Tissue using ATG7 (1F8) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.