

## Anti-APG5L Mouse mAb

Purified Mouse Monoclonal Antibody

Catalog # M011141

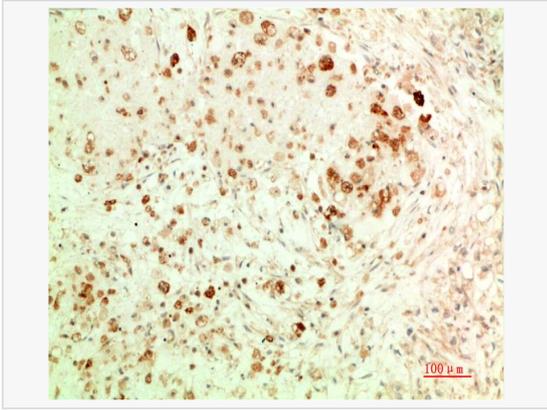
### Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Rat, Mouse (Cell)
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100
Host	Mouse
Clonality	Monoclonal
Clone No.	72M40M65
Isotype	IgG1
Label	Unconjugated
Immunogen	Purified recombinant protein expressed in E.coli.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-APG5L antibody [72M40M65] is for research use only and not for use in diagnostic or therapeutic procedures.

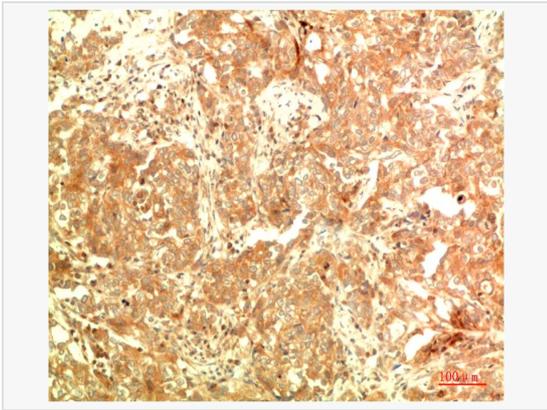
### Protein Information

Synonyms	APG 5L, APG5, APG5 autophagy 5 like, APG5 like, APG5-like, Apoptosis specific protein, ASP, ATG 5, ATG5 autophagy related 5 homolog, Autophagy protein 5, hAPG5.
Calculated MW	Calculated MW: 32 kDa; Observed MW: 55 kDa
Uniprot ID	Q9HIY0
Gene ID	9474
Background	Required for autophagy. Conjugates to ATG12 and associates with isolation membrane to form cup-shaped isolation membrane and autophagosome. Involved in mitochondrial quality control after oxidative damage, and in subsequent cellular longevity.

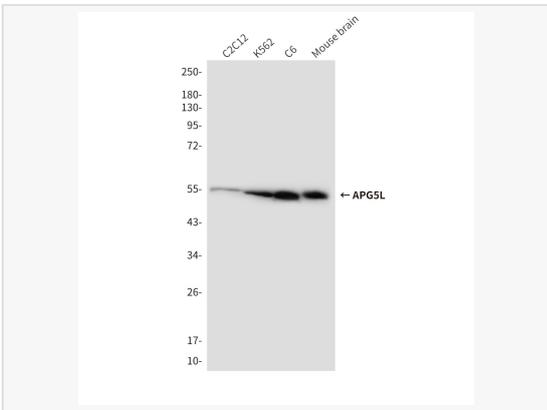
## Validation Images



Immunohistochemistry analysis of paraffin-embedded Human Ovarian Carcinoma Tissue using APG5L antibody [72M40M65]. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human tonsils using APG5L antibody [72M40M65]. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of APG5L in C2C12, K562, C6, mouse brain lysates using APG5L antibody [72M40M65].