

## Anti-ATG7 Mouse mAb

Purified Mouse Monoclonal Antibody

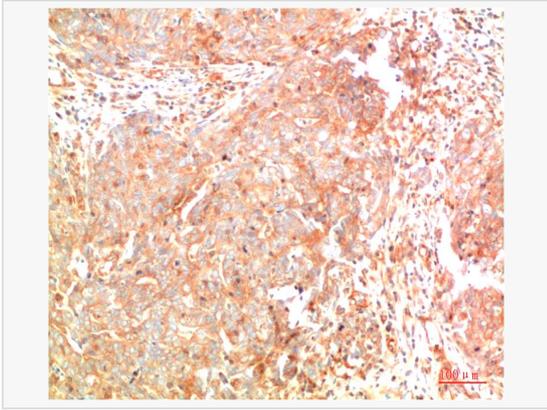
Catalog # M013167

### Product Information

Application	IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Rat, Mouse (Cell)
Dilution	IHC-P 1:50~1:100
Host	Mouse
Clonality	Monoclonal
Clone No.	18M51M93
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-ATG7 antibody [18M51M93] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	hAGP7, Ubiquitin-activating enzyme E1-like protein, APG7L.
Uniprot ID	O95352
Gene ID	10533
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.



Immunohistochemistry analysis of paraffin-embedded Human Breast Carcinoma Tissue using ATG7 antibody [18M51M93]. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.