

Mouse Monoclonal anti human ATG7

ORDERING INFORMATION

Catalog No:	hAP-0968
Size:	100µg
Storage:	<-20°C
Immunogen:	Recombinant human ATG4A
Ig Type:	Mouse IgG1
Clone:	MM0968-2R37
Applications:	WB, IHC-P and ICC

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells) from a mouse immunized with recombinant human ATG7 (Autophagy related protein 7). ATG7 is also called APG7 and is a 78 kDa cytosolic ubiquitin-E1-like enzyme that plays a key role in the autophagic pathway of intracellular bulk degradation.

Formulation and Storage: The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and lyophilized from a 0.2µm filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

Reconstitution: Reconstitute the antibody with 500µl sterile PBS and the final concentration is 200µg/ml. Reconstituted antibody can also be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity: This antibody recognizes human ATG7 in direct ELISAs and WBs. It cross reacts with mouse ATG7 protein in WBs.

Applications:

1.	WB	Yes	1:1000-2000
2.	IHC-P	Yes	1:100-200
3.	ICC	Yes	1:100-200

**Final dilutions should be optimized by the end users and the dilutions provided in the data sheet are for reference only.
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