

## Mouse Monoclonal anti Human ATG7

<b>Catalogue Number</b>	hAP-0968
<b>Size/Concentration</b>	100µg
<b>Immunogen</b>	Recombinant human ATG4A
<b>Clone Name</b>	MM0968-2R37
<b>Antibody Isotype</b>	Mouse IgG1
<b>Preparation</b>	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
<b>Formulation and Storage</b>	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.
<b>Specificity</b>	This antibody recognizes human ATG7 in direct ELISAs and WBs. It cross reacts with mouse ATG7 protein in WBs.
<b>Reconstitution</b>	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.
<b>Applications</b>	A: WB-(1 to 1000-2000) B: IHC-P-(1 to 100-200) C: ICC-(1 to 100-200) D:
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**