

## Mouse Monoclonal Antibody to ATG3

<b>Catalogue Number</b>	sAP-1531
<b>Target Molecule</b>	<p><b>Name:</b> ATG3</p> <p><b>Aliases:</b> APG3; APG3L; PC3-96; APG3-LIKE</p> <p><b>MW:</b> 35.9kDa</p> <p><b>Entrez Gene ID:</b> 64422</p>
<b>Description</b>	This gene encodes a ubiquitin-like-conjugating enzyme and is a component of ubiquitination-like systems involved in autophagy, the process of degradation, turnover and recycling of cytoplasmic constituents in eukaryotic cells. This protein is known to play a role in regulation of autophagy during cell death. A pseudo-gene of this gene is located on chromosome 20. Alternative splicing results in multiple transcript variants encoding different isoforms.
<b>Immunogen</b>	Purified recombinant fragment of human ATG3 (AA: 1-100) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM2C10A12
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400; IHC: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.Mol Biol Rep. 2014;41(4):2093-9. 2.Apoptosis. 2012 Aug;17(8):810-20.

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**