

Mouse Monoclonal Antibody to ATG3

Catalogue Number	sAP-1530
Target Molecule	Name: ATG3 Aliases: APG3; APG3L; PC3-96; APG3-LIKE MW: 35.9kDa Entrez Gene ID: 64422
Description	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.
Immunogen	Purified recombinant fragment of human ATG3 (AA: 1-100) expressed in E. Coli.
Reactive Species	Human;Monkey;
Clone	MM7A1D1
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000; FCM: N to A; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	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**