

## Mouse Monoclonal Antibody to ATG4C

<b>Catalogue Number</b>	sAP-1579
<b>Target Molecule</b>	<p><b>Name: ATG4C</b></p> <p><b>Aliases:</b> APG4C; AUTL1; AUTL3; APG4-C</p> <p><b>MW: 52.5kDa</b></p> <p><b>Entrez Gene ID: 84938</b></p>
<b>Description</b>	Autophagy is the process by which endogenous proteins and damaged organelles are destroyed intracellularly. Autophagy is postulated to be essential for cell homeostasis and cell remodeling during differentiation, metamorphosis, non-apoptotic cell death, and aging. Reduced levels of autophagy have been described in some malignant tumors, and a role for autophagy in controlling the unregulated cell growth linked to cancer has been proposed. This gene encodes a member of the autophagin protein family. The encoded protein is also designated as a member of the C-54 family of cysteine proteases. Alternate transcriptional splice variants, encoding the same protein, have been characterized.
<b>Immunogen</b>	Purified recombinant fragment of human ATG4C (AA: 321-458) expressed in E. Coli.
<b>Recitative Species</b>	Human;
<b>Clone</b>	MM2E10H7
<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: N to A; FCM: N to A; IHC: N to A
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.J Biol Chem. 2007 Jun 22;282(25):18573-83.2.J Biol Chem. 2003 Feb 7;278(6):3671-8.

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**