



ATG12 Recombinant Monoclonal Antibody

Product Code	CSB-RA002283A0HU
Abbreviation	Ubiquitin-like protein ATG12
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	O94817
Immunogen	A synthesized peptide derived from human ATG12
Species Reactivity	Human
Tested Applications	ELISA
Relevance	Ubiquitin-like protein involved in autophagy vesicles formation. Conjugation with ATG5 through a ubiquitin-like conjugating system involving also ATG7 as an E1-like activating enzyme and ATG10 as an E2-like conjugating enzyme, is essential for its function. The ATG12-ATG5 conjugate acts as an E3-like enzyme which is required for lipidation of ATG8 family proteins and their association to the vesicle membranes.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Purification Method	Affinity-chromatography
Isotype	Rabbit IgG
Clonality	Monoclonal
Alias	Ubiquitin-like protein ATG12, Autophagy-related protein 12, APG12-like, ATG12, APG12, APG12L
Immunogen Species	Homo sapiens (Human)
Research Area	Cell Biology
Target Names	ATG12
Clone No.	2F6
Usage	For Research Use Only. Not for use in diagnostic or therapeutic procedures.