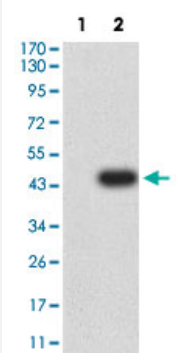
ATG4C monoclonal antibody, clone 2E10H7

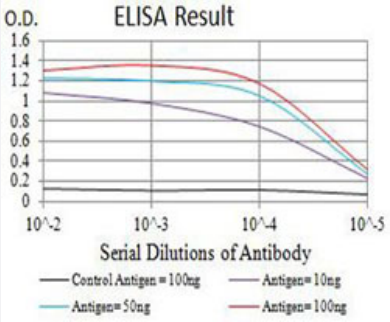
Catalog # MAB17927 Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: ATG4C-hIgGFc transfected HEK293 cell lysates with ATG4C monoclonal antibody, clone 2E10H7 (Cat # MAB17927).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with ATG4C monoclonal antibody, clone 2E10H7 (Cat # MAB17927).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human ATG4C.
Immunogen	Recombinant protein corresponding to amino acids 321-458 of human ATG4C.
Host	Mouse
Theoretical MW (kDa)	52.5
Reactivity	Human
Form	Liquid

Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:100-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

  Western Blot analysis of Lane 1: HEK293 and Lane 2: ATG4C-hIgGFc transfected HEK293 cell lysates with ATG4C monoclonal antibody, clone 2E10H7 (Cat # MAB17927).

- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis with ATG4C monoclonal antibody, clone 2E10H7 (Cat # MAB17927).

Gene Info — ATG4C

Entrez GeneID	84938
Protein Accession#	Q96DT6
Gene Name	ATG4C
Gene Alias	APG4-C, APG4C, AUTL1, AUTL3, FLJ14867
Gene Description	ATG4 autophagy related 4 homolog C (S. cerevisiae)
Omim ID	611339
Gene Ontology	Hyperlink

Gene Summary	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 du ring differentiation, metamorphosis, non-apoptotic cell death, and aging. Reduced levels of autop hagy have been described in some malignant tumors, and a role for autophagy in controlling the u nregulated 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 famil y of cysteine proteases. Alternate transcriptional splice variants, encoding the same protein, have been characterized. [provided by RefSeq
Other Designations	APG4 autophagy 4 homolog C|AUT-like 1, cysteine endopeptidase|AUT-like 3 cysteine endopept idase|OTTHUMP00000010715|autophagin-3|autophagy-related cysteine endopeptidase 3

Pathway

- Regulation of autophagy