

# ATG4C mouse monoclonal antibody (hybridoma)

Catalog # H00084938-M

Size Up to 5 Clones

## Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant ATG4C.
Immunogen	ATG4C (NP_116241.2, 1 a.a. ~ 458 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEATGTDEVDKLTKEFISAWNNMKYSWVLKTKTYFSRNSPVLLLGKCYHFKYEDDKTLPAESGCTIEDHVIAGNVEEFRKDFISRIWLTYREEFPQIEGSALTDCGWGCTLRGTQMLLAQGLILHFLGRAWTWPDALNIENSSESWSHTVKKFTASFEASLSGEREFKPTISLKETIGKYSDDHEMRNEVYH RKIISWFGDSPLALFGLHQLIEYGKKS GKKAGDWYGPVVAHILRKAVEEARHPDLQGITYVAQDC TVYNSDVIDKQSASMTSDNADDKAVIILVPVRLGGERTNTDYLEFVKGILSLEYCVGIIGGKPKQSYFAGFQDDSLYMDPHYCQSFVDVSIKDFPLETFHCPSPKKMSFRKMDPSC TIGFYCRNVQDFKRA SEEITKMLKFSSKEKYPLFTFVNGHSRDYDFTSTTTNEEDLFSEDEKKQLKRFSTEEFVLL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (90)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — ATG4C

**Entrez GeneID** [84938](#)

**GeneBank Accession#** [NM\\_032852.2](#)

**Protein Accession#** [NP\\_116241.2](#)

**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 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. [provided by RefSeq]

**Other Designations** APG4 autophagy 4 homolog C|AUT-like 1, cysteine endopeptidase|AUT-like 3 cysteine endopeptidase|OTTHUMP00000010715|autophagin-3|autophagy-related cysteine endopeptidase 3

## Pathway

- [Regulation of autophagy](#)