

# **ATG4C** monoclonal antibody

Catalog	: MB	67172
---------	------	-------

**BackGround:** 

Host: Mo

Mouse

Reactivity: Mouse

This antibody is purified through a protein G column.

**Applications:** 

WB (1/500 - 1/1000)

**Storage&Stability:** 

Store at  $4 \,^{\circ}$  short term. Aliquot and store at  $-20 \,^{\circ}$  long term. Avoid freeze-thaw cycles.

#### **Specificity:**

Recognizes endogenous levels of ATG4C protein.

### DATA:



Western blot analysis of ATG4C expression in mouse heart (A) whole cell lysates.

#### Note:

For research use only, not for use in diagnostic procedure.

acid tumor suppressor protein belonging to the peptidase C54 family. Encoded by a gene that maps to human chromosome 1p31.3, Atg4C is conserved in chimpanzee, canine, bovine, mouse, rat, chicken and zebrafish. Atg4C is highly expressed in skeletal muscle, heart, liver and testis, and localizes to cytoplasm. Func tioning as a cysteine protease, which is necessary for autophagy, Atg4C cleaves the C-terminal region of either MAP1LC3, GABARAPL2 or GABARAP.Atg4C is also inhibited by N-ethylmaleimide.

Atg4C (ATG4 autophagy related 4 homolog C), also

known as AUTL1 (AUT like 1, cysteine endopeptidase),

AUTL3 (AUT-like 3 cysteine endopeptidase), APG4-C,

autophagin-3 or cysteine protease ATG4C, is a 458 amino

## **Product:**

Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

**Molecular Weight:** 

~ 52 kDa

**Swiss-Prot:** 

Q811C2

**Purification&Purity:** 

Biowo	orld Technology, Inc.
Add:	1660 South Highway 100, Suite 500 St. Louis Park,
	MN 55416,USA.
Email:	info@bioworlde.com
Tel:	6123263284
Fax:	6122933841

#### Bioworld technology, co. Ltd. Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China. Email: info@biogot.com Tel: 0086-025-68037686 Fax: 0086-025-68035151