

ATG10 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2545
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human ATG10 (AA: 1-125) expressed in E. Coli.
Mol wt	25.3kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	WB,FCM
Concentration	N/A
Full name	N/A
Synonyms	APG10;APG10L;pp12616

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Autophagy is a process for the bulk degradation of cytosolic compartments by lysosomes. ATG10 is an E2-like enzyme involved in 2 ubiquitin-like modifications essential for autophagosome formation: ATG12 (MIM 609608)-ATG5 (MIM 604261) conjugation and modification of a soluble form of MAP-LC3 (MAP1LC3A; MIM 601242), a homolog of yeast Apg8, to a membrane-bound form (Nemoto et al., 2003 [PubMed 12890687]).

Recommended Dilution

WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

ELISA: 1:10000

Not yet tested in other applications.

Images

No images.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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