

A8078

Leader in Biomolecular Solutions for Life Science



ATG12 Mouse mAb

Catalog No.: A8078

Basic Information

Observed MW

53kDa

Calculated MW

15kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB, IHC-P, IF/ICC, ELISA

Cross-Reactivity

Human

Background

Autophagy is a process of bulk protein degradation in which cytoplasmic components, including organelles, are enclosed in double-membrane structures called autophagosomes and delivered to lysosomes or vacuoles for degradation. ATG12 is the human homolog of a yeast protein involved in autophagy (Mizushima et al., 1998 [PubMed 9852036]).

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:10 - 1:100
IF/ICC	1:10 - 1:100

Immunogen Information

Gene ID

9140

Swiss Prot

O94817

Immunogen

A synthetic peptide of human ATG12

Synonyms

APG12; FBR93; APG12L; HAPG12; ATG12

Contact



www.abclonal.com

Product Information

Source

Mouse

Isotype

IgG

Purification

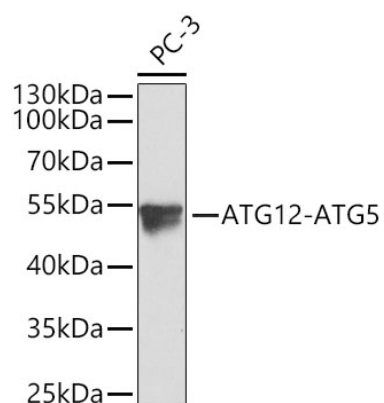
Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH 7.3.

Validation Data



Western blot analysis of lysates from PC-3 cells, using ATG12 Mouse mAb (A8078).
Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (A5003) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.