



Product name:	Anti-Beclin 1 Mouse mAb
Cat number:	ABS125741
Conjugate:	unconjugated
Size:	100 µL
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG1,κ
Immunogen:	Recombinant protein corresponding to Human Beclin 1
Reactivity:	Human, Mouse
Applications:	Western Blot:1: 500-1: 1000
Molecular Weight:	52 kDa / 60 kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	PBS with 0.15% ProClin300, 100 µg/mL BSA and 50% glycerol.
Storage:	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	Beclin 1 is the first identified mammalian gene to mediate autophagy and also has tumor suppressor and antiviral function. Autophagy, a process of bulk protein degradation through an autophagosomic lysosomal pathway, is important for differentiation, survival during nutrient deprivation, and normal growth control, and is often defective in tumor cells. Beclin 1 was originally isolated in a yeast two hybrid screen to identify Bcl 2 binding partners and maps to a tumor susceptibility locus on human chromosome 17q21 that is frequently monoallelically deleted in human breast, ovarian and prostate cancer.



WB analysis of Beclin 1. Sample: Protein treated by RIPA Lysis Buffer . Blocking buffer: 3% Nonfat dry milk in TBST, RT, 1h. Primary antibody: 1: 500, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Mouse IgG , 1: 3000, RT, 1h.