



Product name:	[KD-Validated] Beclin 1 Recombinant Rabbit Monoclonal Antibody
Cat number:	MABN00015
Conjugate:	Unconjugated
Size:	100 ug
Host:	Rabbit
Isotype:	Rabbit IgG
Immunogen:	A synthesized peptide derived from human Beclin 1
Reactivity:	Human, Mouse, Rat
Applications:	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight:	60 kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Storage:	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Background:	This gene encodes a protein that regulates autophagy, a catabolic process of degradation induced by starvation. The encoded protein is a component of the phosphatidylinositol-3-kinase (PI3K) complex which mediates vesicle-trafficking processes. This protein is thought to play a role in multiple cellular processes, including tumorigenesis, neurodegeneration and apoptosis. Alternative splicing results in multiple transcript variants.

