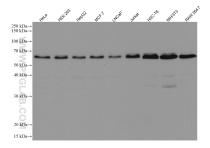
For Research Use Only

Beclin 1 Monoclonal antibody Catalog Number:66665-1-lg Featured Product 99 Publications



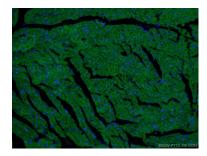
Basic Information	Catalog Number: 66665-1-lg	GenBank Accession Number BC010276	r: Purification Method: Protein A purification	
	Size: 150ul, Concentration: 1500 ug/ml by Nanodrop; Source: Mouse Isotype: IgG1 Immunogen Catalog Number: AG1843	GenelD (NCBI): 8678	CloneNo.: 1C10C4	
		UNIPROT ID: Q14457	Recommended Dilutions: WB 1:1000-1:5000	
		Full Name:	IHC 1:250-1:1000	
		eclin 1, autophagy related IF-P 1:50-1:500		
		Calculated MW: 52 kDa		
		Observed MW: 52-60 kDa		
Applications	Tested Applications: WB, IHC, IF-P, ELISA		Positive Controls: WB : HeLa cells, HEK-293 cells, HepG2 cells, MCF-7 cells, LNCaP cells, Jurkat cells, HSC-T6 cells, NIH/3T3 cells, RAW 264.7 cells IHC : human stomach tissue,	
	Cited Applications: WB, IHC, IF, IP, CoIP	cells		
	Species Specificity: Human, Mouse, Rat	IHC		
	Cited Species: human, mouse, rat, goat		: mouse heart tissue,	
	Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0			
Background Information	UVRAG) to regulate the lipid kinase V inducing autophagy. Its function (via molecule in the control of the autoph the post-translational modification, p crosstalk between apoptosis and auto 37 and 35 kDa during apoptosis. It is i (tumorigenesis). Beclin 1 is a mamma ovarian, 50% of breast, and 40% of p human brain and lung tumors. The lev	/ps34 and promote the forma the BH3 domain) is inhibited agic activity, and its activity protein-protein interaction, ar ophagy. It has been reported involved in many disorders, i alian tumor suppressor, and i rostate cancers. Decreased e vel of Beclin 1 was decreased ase process. Recent studies h	by Bcl-2 or Bcl-XL. Beclin 1 (BECN1) is a crucial is regulated by multiple mechanisms, including nd subcellular localization. It plays a role in	
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Selected Validation Data

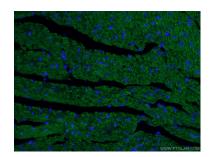


Various lysates were subjected to SDS PAGE followed by western blot with 66665-1-lg (Beclin 1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffinembedded human stomach tissue slide using 66665-1-1g (Beclin 1 antibody) at dilution of 1:500 (under 10x lens).



Immunofluorescent analysis of (4% PFA) fixed mouse heart tissue using 66665-1-Ig (Beclin 1 antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse heart tissue using 66665-1-Ig (Beclin 1 antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated Goat Anti-Mouse IgG(H+L).