

Immunotag™ Phospho-Becn1 (Ser93/96) Antibody

Antibody Specification	
Catalog No.	ITA3872
Product Description	Immunotag™ Phospho-Becn1 (Ser93/96) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-Becn1 (Ser93/96)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Phospho-Becn1 (Ser93/96)
Specificity	Phospho-Becn1 (Ser93/96) Antibody detects endogenous levels of Becn1 only when phosphorylated at Ser93/96
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	BECN1
Accession No.	Q14457

Antibody Specification

Alternate Names	APG6; ATG 6; ATG6; ATG6 autophagy related 6 homolog; Bcl-2-interacting protein beclin; Beclin 1 (coiled coil moesin like BCL2 interacting protein); Beclin 1 autophagy related; Beclin-1; Beclin1; BECN 1; Becn1; BECN1_HUMAN; Coiled coil myosin like BCL2 interacting protein; Coiled-coil myosin-like BCL2-interacting protein; GT197; Protein GT197; VPS 30; VPS30;
Description	Plays a central role in autophagy (PubMed:23184933, PubMed:28445460). Acts as core subunit of the PI3K complex that mediates formation of phosphatidylinositol 3-phosphate; different complex forms are believed to play a role in multiple membrane trafficking pathways: PI3KC3-C1 is involved in initiation of autophagosomes and PI3KC3-C2 in maturation of autophagosomes and endocytosis. Involved in regulation of degradative endocytic trafficking and required for the abscission step in cytokinesis, probably in the context of PI3KC3-C2 (PubMed:20643123, PubMed:20208530, PubMed:26783301). Essential for the formation of PI3KC3-C2 but not PI3KC3-C1 PI3K complex forms. Involved in endocytosis (PubMed:25275521). Protects against infection by a neurovirulent strain of Sindbis virus (PubMed:9765397). May play a role in antiviral host defense.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	60KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.