

## Beclin-1 Conjugated Antibody

Catalog No: #C21582



Package Size: #C21582-AF350 100ul #C21582-AF405 100ul #C21582-AF488 100ul  
 #C21582-AF555 100ul #C21582-AF594 100ul #C21582-AF647 100ul  
 #C21582-AF680 100ul #C21582-AF750 100ul #C21582-Biotin 100ul

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## Description

Product Name	Beclin-1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Beclin-1 protein.
Immunogen Description	Peptide sequence around aa.69-73( F-I-E-T-P) derived from Human Beclin-1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ATG6;VPS30
Accession No.	Swiss-Prot#:Q14457NCBI Gene ID:8678NCBI mRNA#:NM_003766.3NCBI Protein#:NP_003757.1
Uniprot	Q14457
GeneID	8678;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	60
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Product Description

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Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

## Background

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Plays a central role in autophagy. Required for the abscission step in cytokinesis. May play a role in antiviral host defense. Protects against infection by a neurovirulent strain of Sindbis virus.

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Note: This product is for in vitro research use only