

Datasheet for ABIN675391

anti-Beclin 1 antibody (AA 201-330) (FITC)



[Go to Product page](#)

1 Publication

Overview

Quantity:	100 µL
Target:	Beclin 1 (BECN1)
Binding Specificity:	AA 201-330
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Beclin 1 antibody is conjugated to FITC
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Beclin 1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Beclin 1 (BECN1)
Alternative Name:	Beclin 1 (BECN1 Products)

Target Details

Background:	Synonyms: ATG6, VPS3, beclin1, Beclin-1, Coiled-coil myosin-like BCL2-interacting protein, Protein GT197, BECN1, GT197 Background: 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.
Gene ID:	8678
UniProt:	Q14457
Pathways:	Autophagy

Application Details

Application Notes:	FCM 1:20-100 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:	Banerjee, Basu, Wegiel, Otterbein, Mizumura, Gasser, Waaga-Gasser, Choi, Pal: "Heme oxygenase-1 promotes survival of renal cancer cells through modulation of apoptosis- and
-------------------	--

autophagy-regulating molecules." in: **The Journal of biological chemistry**, Vol. 287, Issue 38, pp. 32113-23, (2012) ([PubMed](#)).