Mouse BECN1 Monoclonal Antibody | anti-BECN1 antibody

BECN1 antibody

CATALOG #	HOST	APPLICATIONS
AAA106341	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

BECN1; Monoclonal Antibody; BECN1 antibody; Monoclonal BECN1; Anti-BECN1; Beclin 1 Autophagy Related; ATG6; VPS30; beclin1; BECN 1; BECN-1; anti-BECN1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1 E1
Purity/Purification	BECN1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	450
Applicable Applications for anti-BECN1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	BECN1 plays a central role in autophagy. BECN1 may play a role in antiviral host defense. BECN1 protects against infection by a neurovirulent strain of Sindbis virus.
Cross-Reactivity	Human
Immunogen	BECN1 antibody was raised in mouse using a full length recombinant protein of human BECN1 (NP_003757) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant BECN1 protein using BECN1 antibody

IHC (Immunohiostchemistry)
Immunohistochemical analysis of BECN1 protein in paraffin embedded Human pancreas tissue using BECN1 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant BECN1 protein (Right) or empty vector (Left) detected with BECN1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-BECN1 antibody	Mouse monoclonal BECN1 antibody
Product Categories/Family for anti-BECN1 antibody	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502395
NCBI GeneID	8678
NCBI Accession #	NP_003757
NCBI GenBank Nucleotide #	NM_003766.3
UniProt Accession #	Q14457; O75595; Q9UNA8; B2R6N7
Molecular Weight	51,896 Da
NCBI Official Full Name	beclin-1
NCBI Official Synonym Full Names	beclin 1, autophagy related
NCBI Official Symbol	BECN1
NCBI Official Synonym Symbols	ATG6; VPS30; beclin1
NCBI Protein Information	beclin-1
UniProt Protein Name	Beclin-1
UniProt Gene Name	**BECN1**
UniProt Synonym Gene Names	GT197
UniProt Entry Name	BECN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/becn1-antibody-clone-1-e1-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/106341