

Mouse Beclin-1 Monoclonal Antibody | anti-BECN1 antibody

Beclin-1 Mouse Monoclonal Antibody (5C2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320517	Mouse	Human, Rat, Mouse, Bovine	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Beclin-1; Monoclonal Antibody; Beclin-1 Mouse Monoclonal Antibody (5C2); BECN1; anti-BECN1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse, Bovine
Clonality	Monoclonal
Clone Number	5C2
Specificity	Beclin-1 protein detects endogenous levels of BECN1
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-BECN1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic Peptide of Beclin-1 at AA range of 110-190
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



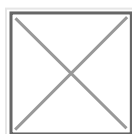
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human Brain Tissue using Beclin-1 Mouse mAb diluted at 1:200.



WB (Western Blot)

Western blot analysis of lysates from 1) 293T Cell Lysate. 2) C2C12 Cell Lysate. 3) Rat Brain Tissue cells. (Green) primary antibody was diluted at 1:1000. 4 degree over night. secondary antibody was diluted at 1:10000. 37 degree 1hour. (Red) Actin ? Polyclonal Antibody antibody was diluted at 1:5000 as loading control. 4 degree over night. secondary antibody was diluted at 1:10000. 37 degree 1hour.



WB (Western Blot)

Western blot analysis of 1) 293T Cell Lysate. 2) C2C12 Cell Lysate. 3) Rat Brain Tissue Lysate using Beclin-1 Mouse mAb diluted at 1:2000.

ADDITIONAL INFORMATION

Related Product Information for anti-BECN1 antibody	beclin 1(BECN1) Homo sapiens This gene encodes a protein that regulates autophagy, a catabolic process of degradation induced by starvation. The encoded protein is a component of the phosphatidylinositol-3-kinase (PI3K) complex which mediates vesicle-trafficking processes. This protein is thought to play a role in multiple cellular processes, including tumorigenesis, neurodegeneration and apoptosis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]
Product Categories/Family for anti-BECN1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4680381
NCBI GeneID	8678
UniProt Accession #	Q14457; O75595; Q9UNA8
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; ATG6 autophagy related 6 homolog; coiled-coil myosin-like BCL2-interacting protein; beclin 1 (coiled-coil, moesin-like BCL2 interacting protein); beclin 1 (coiled-coil, moesin-like BCL2-interacting protein)
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/beclin-1-antibody-clone-5c2-immunofluorescence-immunohistochemistry-western-blot-elisa/320517>