Mouse anti-Human Beclin-1 Monoclonal Antibody | anti-BECN1 antibody

Beclin-1 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319963	**Mouse**	**Human**	**ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Western Blot**

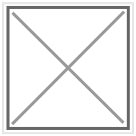
PRODUCT SYNONYMS

Beclin-1; Monoclonal Antibody; Beclin-1 Monoclonal Antibody; BECN1; GT197; Coiled-coil myosin-like BCL2-interacting protein; Protein GT197; anti-BECN1 antibody

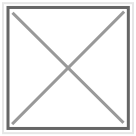
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	Beclin-1 Monoclonal Antibody detects endogenous levels of Beclin-1 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-BECN1 antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human Beclin-1 expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



ELISA
Mouse Monoclonal analysis via ELISA



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of RAJI cells using Beclin-1 Monoclonal Antibody (green) and negative control (purple).

IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded breast cancer tissues (left) and liver cancer tissues (right) with DAB staining using Beclin-1 Monoclonal Antibody.

WB (Western Blot)
Western Blot analysis using Beclin-1 Monoclonal Antibody against HeLa (1). A431 (2). MCF-7 (3). RAJI (4). Jurkat (5) and SKBR-3 (6) cell lysate.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/beclin-1-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/319963