

Datasheet for ABIN658976
anti-Beclin 1 antibody

3 Images



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Overview

Quantity:	0.1 mL
Target:	Beclin 1 (BECN1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Beclin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This BECN1 Monoclonal antibody was raised using purified His-tagged recombinant full length human Autophagy BECN1.
Clone:	117CT2-5-1-1
Isotype:	IgM kappa
Purification:	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

Target Details

Target:	Beclin 1 (BECN1)
Alternative Name:	BECN1 (BECN1 Products)
Background:	Beclin-1 participates in the regulation of autophagy and has an important role in development, tumorigenesis, and neurodegeneration (Zhong et al., 2009 [PubMed 19270693]).

Target Details

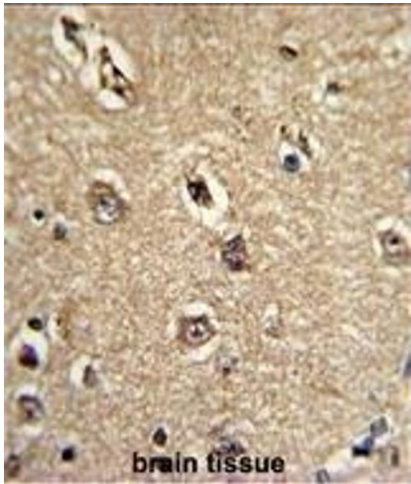
Molecular Weight:	51896
Gene ID:	8678
NCBI Accession:	NP_003757
UniProt:	Q14457
Pathways:	Autophagy

Application Details

Application Notes:	IF: 1:10~50. WB: 1:100~400. IHC-P: 1:50~100
Restrictions:	For Research Use only

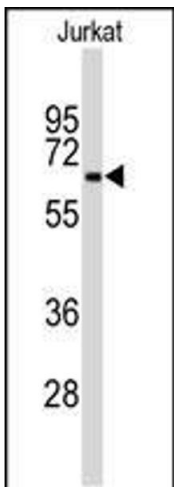
Handling

Format:	Liquid
Buffer:	Mouse monoclonal antibody supplied in crude ascites with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human brain with BECN1 Monoclonal Antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of anti-BECN1 Monoclonal Antibody ABIN658976 in Jurkat cell line lysates (35 μ g/lane). BECN1 (arrow) was detected using the Mab ascites (1:100 dilution).



Immunofluorescence

Image 3. Immunofluorescence analysis of BECN1 Monoclonal Antibody with paraffin-embedded human brain tissue. 0.05 mg/mL primary antibody was followed by PE-conjugated goat anti-mouse IgG (whole molecule). PE emits orange fluorescence.