

anti- Beclin 1 antibody

Product Information

Catalog No.:	FNab10873
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	1G5
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Beclin-1(BECN1), also known as ATG6 or VPS30, has a central role in autophagy, a process of programmed cell survival, which is increased during periods of cell stress and extinguished during the cell cycle. Beclin-1, may play a role in antiviral host defense. It protects against infection by a neurovirulent strain of Sindbis virus. Beclin-1 participates in the regulation of autophagy and has an important role in development, tumorigenesis, and neurodegeneration. A progressively reduced Beclin-1 expression is reported to correlate with the primary tumor growth of squamous cell carcinoma and adenocarcinoma of the lung. Caspase-mediated cleavage of Beclin 1 promotes crosstalk between apoptosis and autophagy.

Immunogen information

Immunogen:	beclin 1, autophagy related
Synonyms:	ATG6, Beclin 1, beclin 1, autophagy related, beclin1, BECN1, GT197, Protein GT197, VPS30
Observed MW:	60 kDa
Uniprot ID :	Q14457

Application

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Wuhan Fine Biotech Co., Ltd.

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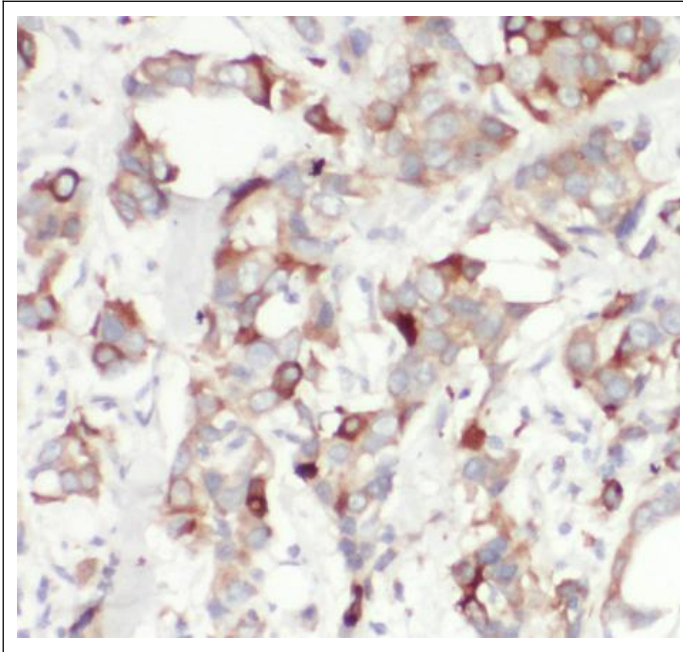
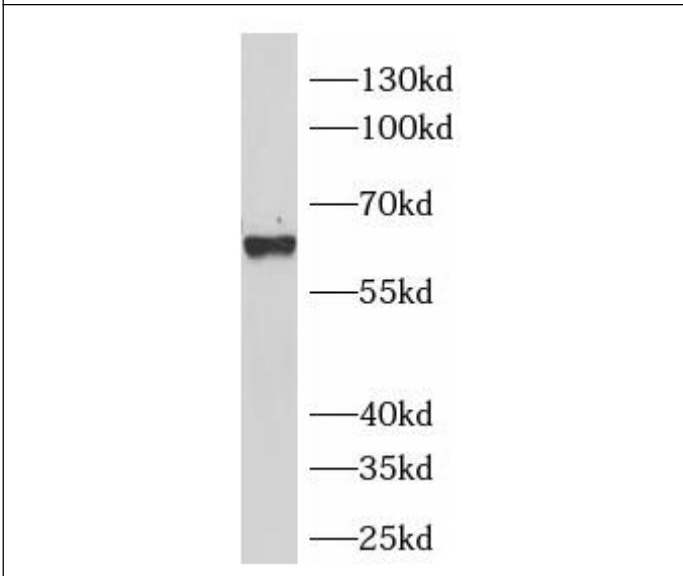
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Reactivity: Human, Mouse, Rat
 Tested Application: ELISA, IHC, WB
 Recommended dilution: WB: 1:500 - 1:5000; IHC: 1:50 - 1:200

Image:

	<p>Immunohistochemistry of paraffin-embedded human breast cancer using FNab10873(Beclin 1 antibody) at dilution of 1:100</p>
	<p>HeLa cells were subjected to SDS PAGE followed by western blot with FNab10873(Beclin 1 Antibody) at dilution of 1:3000</p>