

Anti-Beclin 1 BECN1 Monoclonal Antibody

Catalog Number: M00327

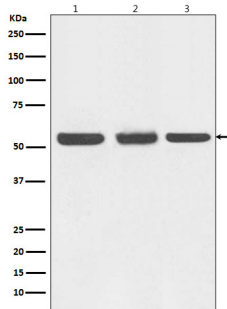
Overview

Product Name	Anti-Beclin 1 BECN1 Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Beclin 1 BECN1 Monoclonal Antibody catalog # M00327. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal ADA-2
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q14457

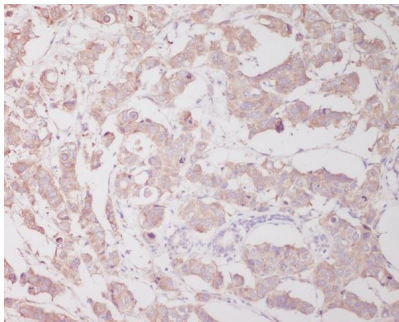
Technical Details

Immunogen	A synthesized peptide derived from human Beclin 1
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200 ICC/IF 1:50-200

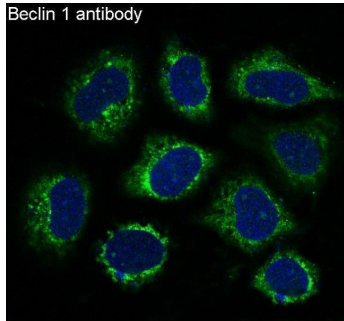
Anti-Beclin 1 BECN1 Monoclonal Antibody (M00327) Images



Western blot analysis of Beclin 1 expression in (1) HEK293 cell lysate; (2) NIH/3T3 cell lysate; (3) C6 cell lysate.



Immunohistochemical analysis of paraffin-embedded human breast cancer, using Beclin 1 Antibody.



Immunofluorescent analysis of HeLa cells, using Beclin 1 Antibody.

5 Publications Citing This Product

1. PubMed ID: 33529908, Ni K, Hua Y. Hydrogen sulfide exacerbated periodontal inflammation and induced autophagy in experimental periodontitis. *Int Immunopharmacol.* 2021 Jan 30;93:107399. doi:10.1016/j.intimp.2021.107399. Epub ahead of print. PMID:33529908.
2. PubMed ID: 31900522, Song L, Yao L, Zhang L, Piao Z, Lu Y. Schizandrol A protects against Abeta1-42-induced autophagy via activation of PI3K/AKT/mTOR pathway in SH-SY5Y cells and primary hippocampal neurons. *Naunyn-Schmiedeberg's Arch Pharmacol.* 2020 Sep;393(9):1739-1752. doi:10.1007/s00
3. PubMed ID: 27464624, Bifidobacterial recombinant thymidine kinase-ganciclovir gene therapy system induces FasL and TNFR2 mediated antitumor apoptosis in solid tumors

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