Anti-BECN1 antibody (110-190) [5C2] (STJ97761)
STJ97761

GENERAL INFORMATION

**Product Type** Primary antibodies
Short Description Mouse monoclonal antibody anti-Beclin-1 (110-190) is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence research applications.
Applications WB, IHC-P, IF-P
Host/Source Mouse
**Reactivity** Human, Rat, Mouse

PRODUCT PROPERTIES

Clonality Monoclonal
Clone ID 5C2
Concentration 1 mg/mL
Conjugation Unconjugated
Purification The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range WB 1:1000-2000
IHC 1:100-200
Formulation PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype IgG1
Storage Instruction Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

## TARGET INFORMATION

Gene ID 8678
Gene Symbol BECN1
Uniprot ID BECN1_HUMAN
Immunogen Synthetic peptide of Beclin-1 at amino acid range of 110-190
Immunogen Region 110-190
Specificity BECN1 monoclonal antibody (Beclin-1) binds to endogenous Beclin-1 at the amino acid region 110-190.
**Immunogen Sequence**
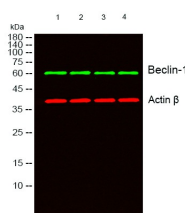
Western blot analysis of lysates from 1) 293T Cell Lysate, 2) C2C12 Cell Lysate, 3) Rat Brain Tissue cells, (Green) primary antibody was diluted at 1:1000, 4°C over night, secondary antibody (cat: NA) was diluted at 1:10000, 37°C 1hour. (Red) Actin Beta Polyclonal Antibody (cat: STJ91464) antibody was diluted at 1:5000 as loading control, 4°C over night, secondary antibody (cat: NA) was diluted at 1:10000, 37°C 1hour.
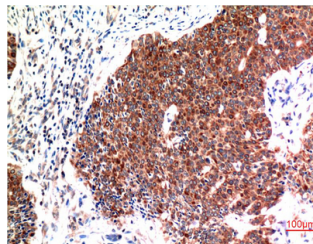
Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using Beclin-1 Mouse mAb diluted at 1:200.
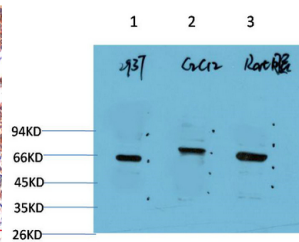
Western blot analysis of 1) 293T Cell Lysate, 2) C2C12 Cell Lysate, 3) Rat Brain Tissue Lysate using Beclin-1 Mouse mAb diluted at 1:2000.
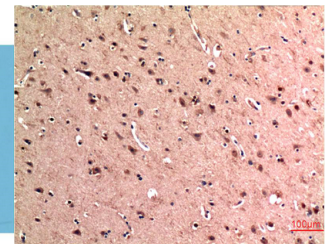
Immunohistochemical analysis of paraffin-embedded Human Brain Tissue using Beclin-1 Mouse mAb diluted at 1:200.