

## Recombinant Beclin 1 Monoclonal Antibody

catalog number: **AN300842L**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

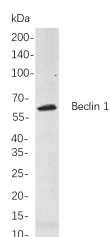
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant Human Beclin 1 protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG, $\kappa$
<b>Clone</b>	5H1
<b>Purification</b>	Protein A
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

### Recommended Dilution

<b>IHC</b>	1:200-1:1000
<b>WB</b>	1:2000-1:10000

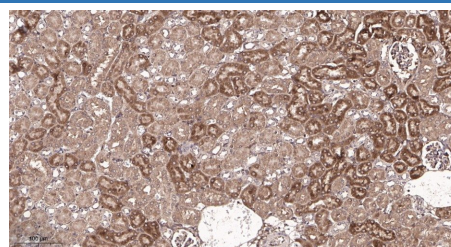
### Data



Western Blot with Recombinant Beclin 1 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Hela cells.

**Observed-MW:60 kDa**

**Calculated-MW:52 kDa**



Immunohistochemistry of paraffin-embedded mouse kidney tissue using Recombinant Beclin 1 Monoclonal Antibody at dilution of 1:200.

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

### Background

BECN1(becn 1) 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.

### For Research Use Only

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