

## PRODUCT DATA SHEET

Bioworld Technology,Inc.

# **Beclin 1 Recombinant Rabbit mAb**

Catalog: BS45553 Host: Rabbit Reactivity: Human, Mouse, Rat

#### **BackGround:**

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. [provided by Ref-Seq, Sep 2015]

#### **Product:**

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

#### **Molecular Weight:**

52 kDa

#### **Swiss-Prot:**

Q14457, O88597, Q91XJ1

#### **Purification&Purity:**

**Affinity Purification** 

#### **Applications:**

WB: 1:1000<br/>lp: 1:20

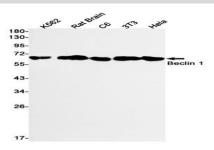
## Storage&Stability:

Store at  $4\,\mathrm{C}$  short term. Aliquot and store at  $-20\,\mathrm{C}$  long term. Avoid freeze-thaw cycles.

### **Isotype:**

IgG

#### **DATA:**



Western blot detection of Beclin 1 in K562,Rat Brain,C6,3T3,Hela cell lysates using Beclin 1 antibody(1:1000 diluted).

#### Note:

For research use only, not for use in diagnostic procedure.

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