

Recombinant**DGRmAb®****Beclin 1 (DGR13564) Rabbit mAb****db13401****Package : 10µL 20µL 50µL 100µL****Product Name :** Beclin 1 (DGR13564) Rabbit mAb**Cat.No.:** db13401**Synonyms :** ATG6; VPS30; beclin1**Application :** WB, IP**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**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 RefSeq, Sep 2015]

Immunogen

Recombinant protein of human Beclin 1

Gene ID

8678, 56208, 114558

Swiss Prot

Q14457, O88597, Q91XJ1

Synonyms

ATG6; VPS30; beclin1

Reactivity

Human,Mouse,Rat

Application

WB, IP

Recommended dilution

WB: 1:1000

IP: 1:20-1:50

Calculated MW

52 kDa

Observed MW

52 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR13564

Isotype

IgG

Purity

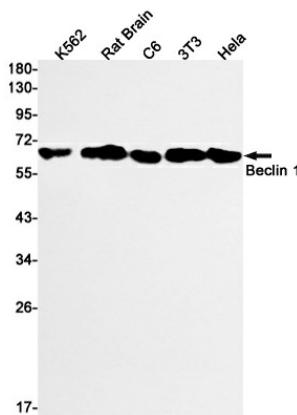
Affinity Purification

Conjugation

Un-conjugated

Storage Stability

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.



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