

Recombinant**DGRmAb®****Beclin 1 (DGR13564) Rabbit mAb (PBS Only)****db13401-PBS****Package : 100µg****Product Name :** Beclin 1 (DGR13564) Rabbit mAb (PBS Only)**Cat.No.:** db13401-PBS**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

Calculated MW

52 kDa

Observed MW

52 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR13564

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Concentration

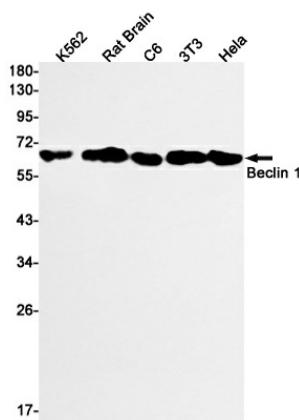
1 mg/ml

Formulation

PBS Only

Storage Stability

Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of Beclin 1 in K562, Rat Brain, C6, 3T3, HeLa cell lysates using [db13401](#) (1:1000 diluted).