

Recombinant

DGRmAb®

Phospho-ULK1 (Ser467) (DGR16777) Rabbit mAb (PBS Only)

db13918-PBS

Package : 100µg

Product Name : Phospho-ULK1 (Ser467) (DGR16777) Rabbit mAb (PBS Only)**Cat.No.:** db13918-PBS**Synonyms** : ATG1; ATG1A; UNC51; hATG1; Unc51.1**Application** : WB**Reactivity** : Human**Host species** : Rabbit**Background**

Serine/threonine-protein kinase involved in autophagy in response to starvation. Acts upstream of phosphatidylinositol 3-kinase PIK3C3 to regulate the formation of autophagophores, the precursors of autophagosomes. Part of regulatory feedback loops in autophagy: acts both as a downstream effector and negative regulator of mammalian target of rapamycin complex 1 (mTORC1) via interaction with RPTOR.

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Ser467 of human ULK1

Gene ID

8408

Swiss Prot

O75385

Synonyms

ATG1; ATG1A; UNC51; hATG1; Unc51.1

Reactivity

Human

Application

WB

Calculated MW

113 kDa

Observed MW

130 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR16777

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.