

Recombinant

DGRmAb®

Phospho-ULK1 (Ser467) (DGR16777) Rabbit mAb

db13918

Package : 10µL 20µL 50µL 100µL

Product Name : Phospho-ULK1 (Ser467) (DGR16777) Rabbit mAb**Cat.No.:** db13918**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

Recommended dilution

WB: 1:1000-1:5000

Calculated MW

113 kDa

Observed MW

130 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR16777

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.