

Recombinant

DGRmAb®

Phospho-mTOR (Ser2481) (DGR13547) Rabbit mAb (PBS Only)

db14018-PBS

Package : 10µg 100µg

Product Name : Phospho-mTOR (Ser2481) (DGR13547) Rabbit mAb (PBS Only)**Cat.No.:** db14018-PBS**Synonyms** : SKS; FRAP; FRAP1; FRAP2; RAFT1; RAPT1**Application** : WB**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

The protein encoded by this gene belongs to a family of phosphatidylinositol kinase-related kinases. These kinases mediate cellular responses to stresses such as DNA damage and nutrient deprivation. This protein acts as the target for the cell-cycle arrest and immunosuppressive effects of the FKBP12-rapamycin complex. The ANGPTL7 gene is located in an intron of this gene. [provided by RefSeq, Sep 2008]

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Ser2481 of human mTOR

Gene ID

2475

Swiss Prot

P42345

Synonyms

SKS; FRAP; FRAP1; FRAP2; RAFT1; RAPT1

Reactivity

Human,Mouse,Rat

Application

WB

Calculated MW

289 kDa

Observed MW

289 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR13547

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 analysis of extracts from MCF-7 cells using [db14018](#) at 1:1000.

