

Recombinant

DGRmAb®

## Phospho-mTOR (Ser2448) (DGR18462) Rabbit mAb (PBS Only)

db11887-PBS

Package : 100µg

**Product Name** : Phospho-mTOR (Ser2448) (DGR18462) Rabbit mAb (PBS Only)**Cat.No.:** db11887-PBS**Synonyms** : SKS; FRAP; FRAP1; FRAP2; RAFT1; RAPT1**Application** : WB, IHC-P**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 Ser2448 of human mTOR

**Gene ID**

2475

**Swiss Prot**

P42345

**Synonyms**

SKS; FRAP; FRAP1; FRAP2; RAFT1; RAPT1

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:50-1:100

**Calculated MW**

289 kDa

**Observed MW**

289 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR18462

**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 T24 cells using [db11887](#)