

Recombinant

DGRmAb®

**Phospho-mTOR (Ser2448) (DGR18462) Rabbit mAb**

db11887

Package : 10µL 20µL 50µL 100µL

**Product Name** : Phospho-mTOR (Ser2448) (DGR18462) Rabbit mAb**Cat.No.:** db11887**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**

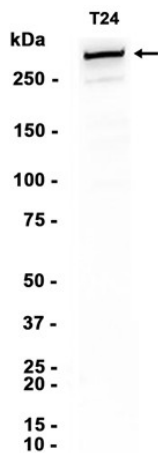
Affinity Purification

**Conjugation**

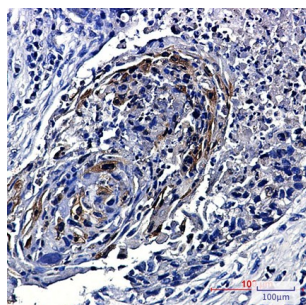
Un-conjugated

**Storage Stability**

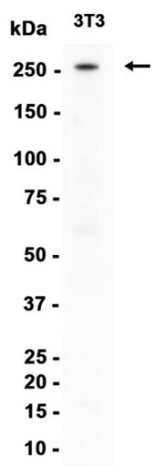
Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from T24 cells using db11887 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human lung cancer using db11887 antibody.



Western blot analysis of extracts from 3T3 cells using db11887 at 1:1000.