



Recombinant

DGRmAb<sup>®</sup>

## 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



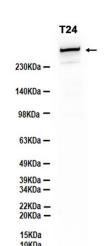


## Conjugation

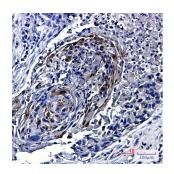
Un-conjugated

## **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.