

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

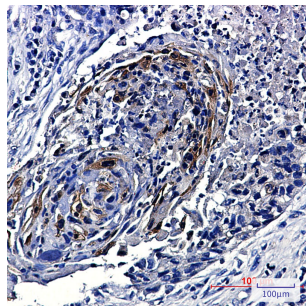
Un-conjugated

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.