



Recombinant

DGRmAb[®]

Phospho-mTOR (Ser2481) (DGR13547) Rabbit mAb

db14018 Package : 10μL 20μL 50μL 100μL

Product Name: Phospho-mTOR (Ser2481) (DGR13547) Rabbit mAb

Cat.No.: db14018

Synonyms: SKS; FRAP; FRAP1; FRAP2; RAFT1; RAPT1

Application: WB

Reactivity: Human, Mouse, Rat

Host species: Rabbit

BackgroundThe 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

Recommended dilution WB: 1:1000-1:5000

Calculated MW 289 kDa

Observed MW 289 kDa

Host species Rabbit

Clonality Monoclonal

Clonality No. DGR13547

Isotype IgG

Purity Affinity Purification

Conjugation Un-conjugated



For Research Use Only **Product Datasheet**

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 MCF-7 cells using db14018 at 1:1000.

