







## RSK1 p90 (DGR18544) Rabbit mAb

db14657 Package : 10μL 20μL 50μL 100μL

Product Name: RSK1 p90 (DGR18544) Rabbit mAb

Cat.No.: db14657

Synonyms: RSK; HU-1; RSK1; p90Rsk; MAPKAPK1A

Application: WB, IHC-P, ICC/IF, FC, IP

Reactivity: Human, Mouse, Rat

Host species: Rabbit

**Background** This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine

kinases. This kinase contains 2 nonidentical kinase catalytic domains and phosphorylates various substrates, including members of the mitogen-activated kinase (MAPK) signalling pathway. The activity of this protein has been implicated in controlling cell growth and differentiation. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by

RefSeq, Jul 2008]

**Immunogen** A synthetic peptide of human RSK1 p90

**Gene ID** 6195

Swiss Prot Q15418

Synonyms RSK; HU-1; RSK1; p90Rsk; MAPKAPK1A

Reactivity Human, Mouse, Rat

**Application** WB, IHC-P, ICC/IF, FC, IP

Recommended dilution WB: 1:1000

IHC-P: 1:100

ICC/IF: 1:100-1:200 FC: 1:100-1:1000

IP: 1:50-1:100

Calculated MW 83 kDa

**Observed MW** 90 kDa

Host species Rabbit

**Clonality** Monoclonal

Clonality No. DGR18544





Isotype

lgG

**Purity** 

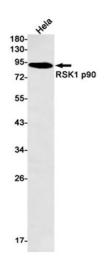
Affinity Purification

Conjugation

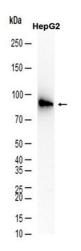
Un-conjugated

**Storage Stability** 

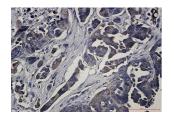
Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of RSK1 p90 in Hela cell lysates using RSK1 p90 antibody(1:500 diluted).



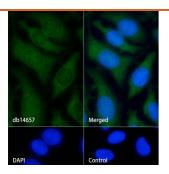
Western blot analysis of extracts from HepG2 cells using db14657 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human Cholangiocarcinoma using db14657 antibody.







Immunofluorescence analysis of HeLa cells labelling RSK1 p90 with db14657.

The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db14657 (1:100) at room temperature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.