

Recombinant

DGRmAb®

## 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

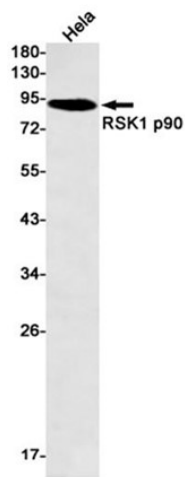
**Clonality**

Monoclonal

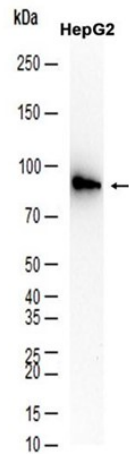
**Clonality No.**

DGR18544

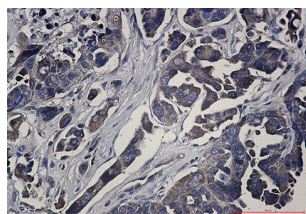
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



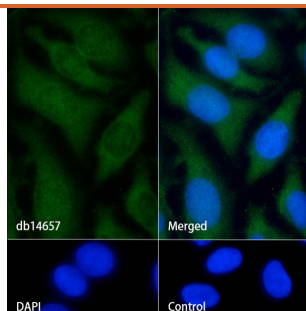
Western blot detection of RSK1 p90 in HeLa cell lysates using RSK1 p90 antibody(1:500 diluted).



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 temprature 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.