

Recombinant

DGRmAb®

**RSK1 p90 (DGR18544) Rabbit mAb (PBS Only)**

db14657-PBS

Package : 10µg 100µg

**Product Name** : RSK1 p90 (DGR18544) Rabbit mAb (PBS Only)**Cat.No.:** db14657-PBS**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

**Calculated MW**

83 kDa

**Observed MW**

90 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR18544

**Isotype**

IgG

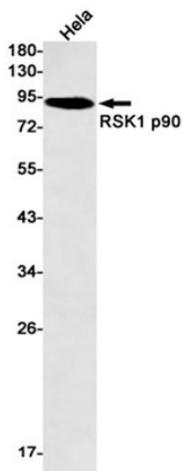
**Purity**

Affinity Purification

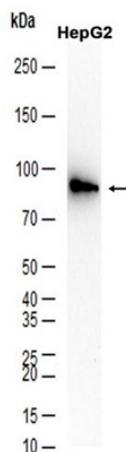
**Conjugation**

Un-conjugated

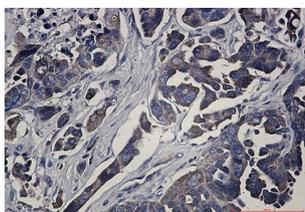
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



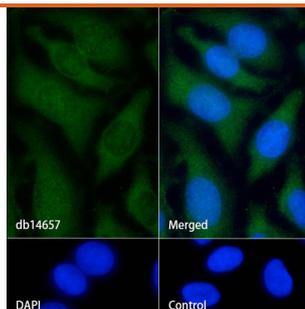
Western blot detection of RSK1 p90 in HeLa cell lysates using RSK1 p90 antibody(1:500 diluted).



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.