

Recombinant

DGRmAb®

RPS6 (DGR19468) Rabbit mAb

db11631

Package : 10μL 20μL 50μL 100μL

Product Name : RPS6 (DGR19468) Rabbit mAb**Cat.No.:** db11631**Synonyms** : S6**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a cytoplasmic ribosomal protein that is a component of the 40S subunit. The protein belongs to the S6E family of ribosomal proteins. It is the major substrate of protein kinases in the ribosome, with subsets of five C-terminal serine residues phosphorylated by different protein kinases. Phosphorylation is induced by a wide range of stimuli, including growth factors, tumor-promoting agents, and mitogens. Dephosphorylation occurs at growth arrest. The protein may contribute to the control of cell growth and proliferation through the selective translation of particular classes of mRNA. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human RPS6

Gene ID

6194

Swiss Prot

P62753

Synonyms

S6

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC

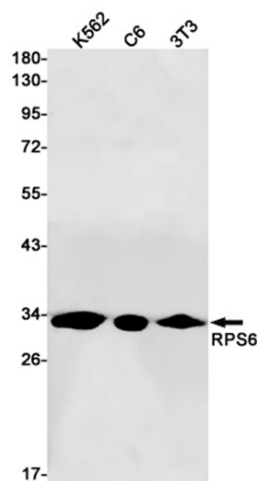
Recommended dilutionWB: 1:1000
IHC-P: 1:200-1:1000
ICC/IF: 1:200-1:500
FC: 1:200-1:500**Calculated MW**

29 kDa

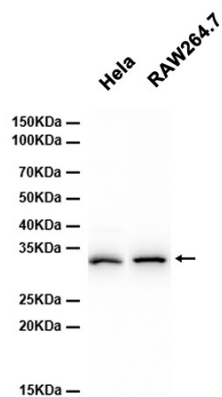
Observed MW

29 kDa

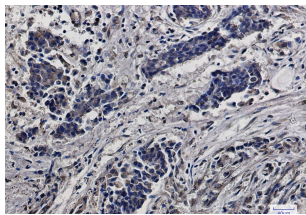
| | |
|-------------------|---|
| Host species | Rabbit |
| Clonality | Monoclonal |
| Clonality No. | DGR19468 |
| Isotype | IgG |
| Purity | Affinity Purification |
| Conjugation | Un-conjugated |
| Storage Stability | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |



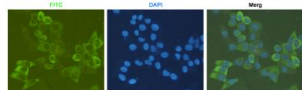
Western blot detection of RPS6 in K562,C6,3T3 cell lysates using RPS6 antibody(1:1000 diluted).



Western blot analysis of extracts from HeLa,RAW264.7 cells using db11631 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human breast cancer using db11631 antibody.



Immunofluorescent analysis of HeLa cells using db11631 antibody (green), and DAPI (blue).