

P70 S6 Kinase (1C7) Mouse mAb

CatalogNo: YM3602

Key Features

Host Species

- Mouse

Reactivity

- Human, Mouse, Rat

Applications

- IHC, IF

MW

- 70,85kD (Observed)

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

IHC 1:100-200

IF 1:50-200

Basic Information

Clonality Monoclonal

Clone Number 1C7

Immunogen Information

Immunogen Recombinant Protein of P70 S6 Kinase of RPS6KB1

Specificity P70 S6 Kinase protein detects endogenous levels of RPS6KB1

Target Information

Gene name RPS6KB1 STK14A P70S6K

Protein Name Ribosomal protein S6 kinase beta-1

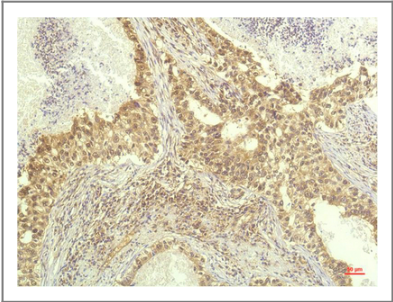
Organism	Gene ID	UniProt ID
Human	6198 ;	P23443 ;
Mouse	72508 ;	Q8BSK8 ;
Rat	83840 ;	P67999 ;

Cellular Localization Cell junction , synapse , synaptosome . Mitochondrion outer membrane. Mitochondrion. Colocalizes with URI1 at mitochondrion.; [Isoform Alpha I]: Nucleus. Cytoplasm.; [Isoform Alpha II]: Cytoplasm.

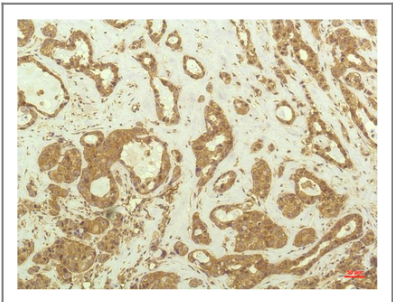
Tissue specificity Widely expressed.

Function Catalytic activity:ATP + a protein = ADP + a phosphoprotein. ,enzyme regulation:Activation by serine/threonine phosphorylation and protein kinase C , inactivated by type 2A phosphatase. ,Function:Phosphorylates specifically ribosomal protein S6 in response to insulin or several classes of mitogens. ,similarity:Belongs to the protein kinase superfamily. ,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. S6 kinase subfamily. ,similarity:Contains 1 AGC-kinase C-terminal domain. ,similarity:Contains 1 protein kinase domain. ,subunit:Interacts with PPP1R9A/neurabin-1. ,tissue specificity:Widely expressed. ,

Validation Data



Immunohistochemical analysis of paraffin-embedded Human Lung Carcinoma Tissue using P70 S6 Kinase Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using P70 S6 Kinase Mouse mAb diluted at 1:200.

Contact information

Orders: order@immunoway.com
Support: tech@immunoway.com
Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: http://www.immunoway.com
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code
to access additional
product information:
**P70 S6 Kinase (1C7)
Mouse mAb**

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)