

## RSK2 Rabbit mAb

Catalog No: #52855

Package Size: #52855-1 50ul #52855-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

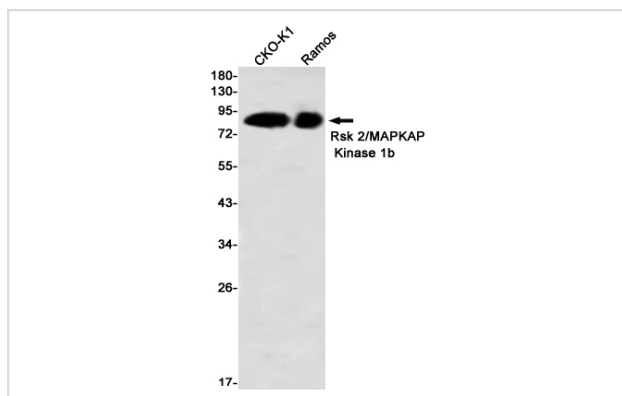
## Description

Product Name	RSK2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S05-6E3
Isotype	IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human Rsk 2/MAPKAP Kinase 1b
Conjugates	Unconjugated
Modification	Unmodification
Other Names	CLS; RSK; HU-3; RSK2; MRX19; ISPK-1; p90-RSK2; pp90RSK2; MAPKAP1B; S6K-alpha3
Accession No.	Swiss-Prot:P51812GenelD:6197
Uniprot	P51812
GenelD	6197
Calculated MW	Calculated MW:84 kDa,Observed MW:84 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

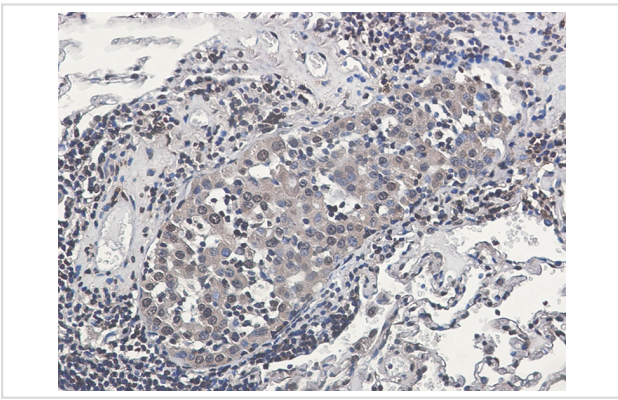
## Application Details

WB: 1/2000 IHC: 1/20

## Images



Western blot detection of Rsk 2/MAPKAP Kinase 1b in CHO-K1,Ramos using Rsk 2/MAPKAP Kinase 1b Rabbit mAb(1:1000 diluted)



Immunohistochemistry of Rsk 2/MAPKAP Kinase 1b in paraffin-embedded Human lung cancer tissue using Rsk 2/MAPKAP Kinase 1b Rabbit mAb at dilution 1/50

## Background

Serine/threonine-protein kinase that acts downstream of ERK (MAPK1/ERK2 and MAPK3/ERK1) signaling and mediates mitogenic and stress-induced activation of the transcription factors CREB1, ETV1/ER81 and NR4A1/NUR77, regulates translation through RPS6 and EIF4B phosphorylation, and mediates cellular proliferation, survival, and differentiation by modulating mTOR signaling and repressing pro-apoptotic function of BAD and DAPK1 (PubMed:9770464, PubMed:16223362, PubMed:17360704, PubMed:16213824).

Note: This product is for in vitro research use only