



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## RPS6KA3 monoclonal antibody (M01), clone 2G10

Catalog # : H00006197-M01

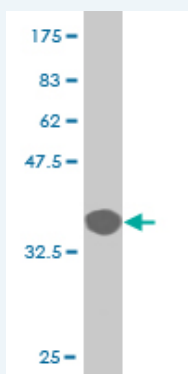
規格 : [ 100 ug ]

[List All](#)

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a partial recombinant RPS6KA3.
<b>Immunogen:</b>	RPS6KA3 (NP_004577, 2 a.a. ~ 95 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	PLAQLADPWQKMAVESPSDSAENGQQIMDEPMGEEEEINPQTEEVSIKEIA ITHHVKEGHEKADPSQFELLKVLGQGSFGKVFLVKKISGSDARQ
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	IgG2b Kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.08 KDa) .

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

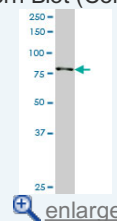
**Datasheet:** [Download](#)

### Applications

**Western Blot (Cell lysate)**

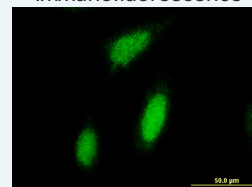
### Application Image

Western Blot (Cell lysate)



Western Blot (Recombinant protein)

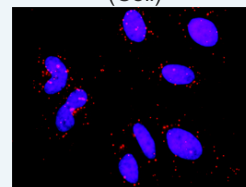
Immunofluorescence



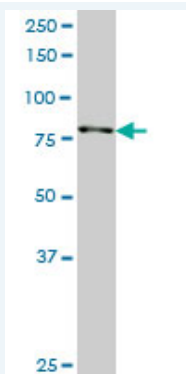
[enlarge](#)

ELISA

*In situ* Proximity Ligation Assay (Cell)



[enlarge](#)



RPS6KA3 monoclonal antibody (M01), clone 2G10. Western Blot analysis of RPS6KA3 expression in HepG2 ( Cat # L019V1 ).

 [Protocol Download](#)

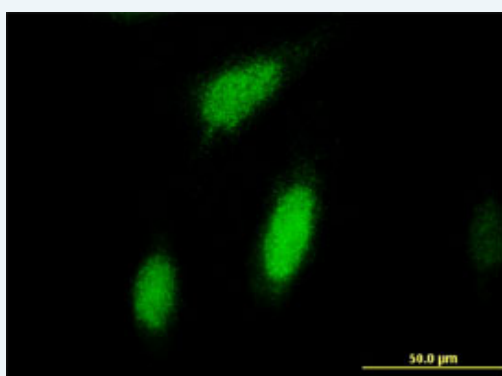
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### Western Blot (Recombinant protein)

 [Protocol Download](#)

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### Immunofluorescence



 [enlarge this image](#)

Immunofluorescence of monoclonal antibody to RPS6KA3 on HeLa cell . [antibody concentration 10 ug/ml]

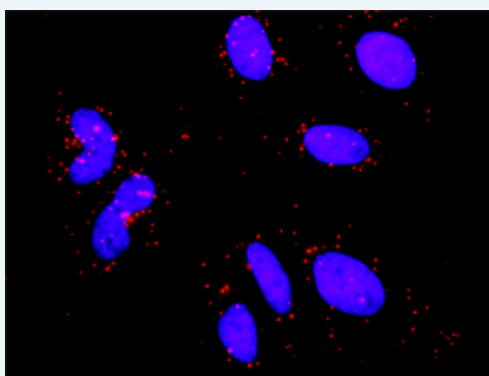
 [Protocol Download](#)

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### ELISA

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### *In situ* Proximity Ligation Assay (Cell)



Proximity Ligation Analysis of protein-protein interactions between MAPK3 and RPS6KA3. HeLa cells were stained with anti-MAPK3 rabbit purified polyclonal 1:1200 and anti-RPS6KA3 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

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### Gene Information

Entrez GeneID: [6197](#)

GeneBank [NM\\_004586](#)

Accession#:

Protein [NP\\_004577](#)

Accession#:

**Gene Name:** RPS6KA3

**Gene Alias:** CLS,HU-3,ISPK-1,MAPKAPK1B,MRX19,RSK,RSK2,S6K-alpha3,p90-RSK2,pp90RSK2

**Gene Description:** ribosomal protein S6 kinase, 90kDa, polypeptide 3

**Omim ID:** [300075](#), [303600](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 non-identical 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. Mutations in this gene have been associated with Coffin-Lowry syndrome (CLS). [provided by RefSeq]

**Other Designations:** OTTHUMP00000023036,insulin-stimulated protein kinase 1,mental retardation, X-linked 19,ribosomal protein S6 kinase, 90kD, polypeptide 3

#### Gene Pathway

[Long-term potentiation](#) [MAPK signaling pathway](#) [mTOR signaling pathway](#)  
[Neurotrophin signaling pathway](#)

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