



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

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RPS3 monoclonal antibody (M03), clone 2A8

Catalog # : H00006188-M03

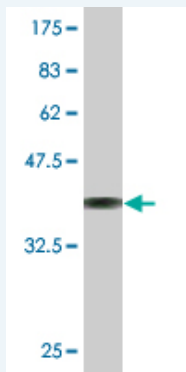
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant RPS3.
Immunogen:	RPS3 (NP_000996, 144 a.a. ~ 243 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	GQRAKSMKFVDGLMIHSGDPVNYVDTAVRHVLLRQGVLGIKVKIMLPW DPTGKIGPKKPLPDHVSIVEPKDEILPTTPISEQKGGKPEPPAMPQPVPTA
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.74 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](#)

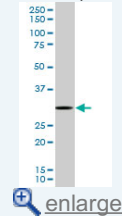
Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)

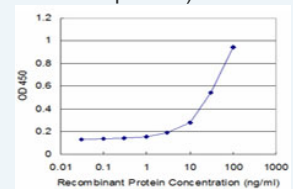
Application Image

Western Blot (Cell lysate)

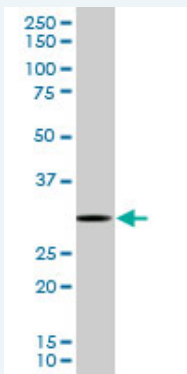


Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



ELISA



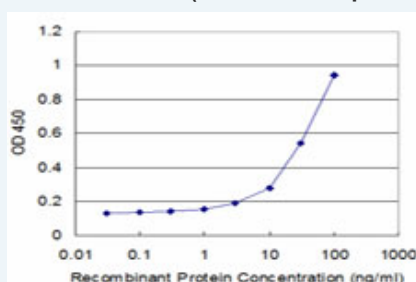
RPS3 monoclonal antibody (M03), clone 2A8. Western Blot analysis of RPS3 expression in HeLa S3 NE (Cat # L013V3).

 [Protocol Download](#)

Western Blot (Recombinant protein)

 [Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged RPS3 is approximately 3ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [6188](#)

GeneBank Accession#: [NM_001005](#)

Protein Accession#: [NP_000996](#)

Gene Name: RPS3

Gene Alias: FLJ26283,FLJ27450,MGC87870

Gene Description: ribosomal protein S3

Omim ID: [600454](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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 ribosomal protein that is a component of the 40S subunit, where it forms part of the domain where translation is initiated. The protein belongs to the S3P family of ribosomal proteins. Studies of the mouse and rat proteins have demonstrated that the protein has an extraribosomal role as an endonuclease involved in the repair of UV-induced DNA damage. The protein appears to be located

in both the cytoplasm and nucleus but not in the nucleolus. Higher levels of expression of this gene in colon adenocarcinomas and adenomatous polyps compared to adjacent normal colonic mucosa have been observed. This gene is co-transcribed with the small nucleolar RNA genes U15A and U15B, which are located in its first and fifth introns, respectively. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq]

Other Designations: 40S ribosomal protein S3,IMR-90 ribosomal protein S3

Gene Pathway

[Ribosome](#)

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