



# 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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## EIF4G2 monoclonal antibody (M02), clone 3E4

Catalog # : H00001982-M02

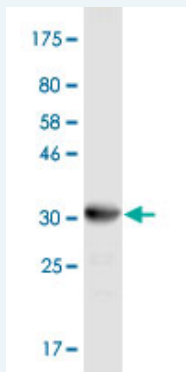
規格 : [ 100 ug ]

[List All](#)

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a partial recombinant EIF4G2.
<b>Immunogen:</b>	EIF4G2 (NP_001409, 811 a.a. ~ 889 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	SFKPVMQKFLHDHVDLQVSALYALQVHCYNSNFPKGMLLRFFVHFYDM EIIEEEAFLAWKEDITQEFPGK GKALFQV NQ
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	IgG1 Kappa

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



Western Blot detection against Immunogen (34.43 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 (Recombinant protein)**

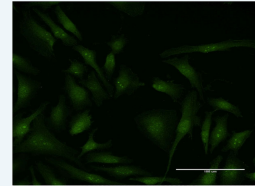
[Protocol Download](#)

**Immunofluorescence**

### Application Image

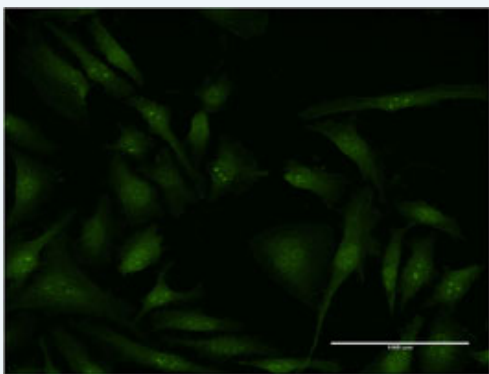
Western Blot (Recombinant protein)

Immunofluorescence



[enlarge](#)

ELISA



[enlarge this image](#)

Immunofluorescence of monoclonal antibody to EIF4G2 on HeLa cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

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## ELISA

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## Gene Information

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**Entrez GeneID:** [1982](#)

**GeneBank  
Accession#:** [NM\\_001418](#)

**Protein  
Accession#:** [NP\\_001409](#)

**Gene Name:** EIF4G2

**Gene Alias:** AAG1,DAP5,FLJ41344,NAT1,p97

**Gene  
Description:** eukaryotic translation initiation factor 4 gamma, 2

**Omim ID:** [602325](#)

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

**Gene Summary:** Translation initiation is mediated by specific recognition of the cap structure by eukaryotic translation initiation factor 4F (eIF4F), which is a cap binding protein complex that consists of three subunits: eIF4A, eIF4E and eIF4G. The protein encoded by this gene shares similarity with the C-terminal region of eIF4G that contains the binding sites for eIF4A and eIF3; eIF4G, in addition, contains a binding site for eIF4E at the N-terminus. Unlike eIF4G, which supports cap-dependent and independent translation, this gene product functions as a general repressor of translation by forming translationally inactive complexes. In vitro and in vivo studies indicate that translation of this mRNA initiates exclusively at a non-AUG (GUG) codon. Alternatively spliced transcript variants encoding different isoforms of this gene have been described. [provided by RefSeq]

**Other  
Designations:** aging-associated protein 1,death-associated protein 5,eIF-4-gamma 2,eukaryotic translation initiation factor 4G-like 1

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