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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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EIF4G2 monoclonal antibody (M01), clone 3B5

Catalog # : H00001982-M01

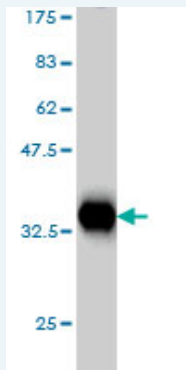
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant EIF4G2.
Immunogen:	EIF4G2 (NP_001409, 811 a.a. ~ 889 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	SFKPVMQKFLHDHVDLQVSALYALQVHCYNSNFPKGMLLRFFVHFYDM EIIIEEAFLAWKEDITQEFPGK GKALFQV NQ
Host:	Mouse
Reactivity:	Human, Rat
Isotype:	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](#)

Publication Reference

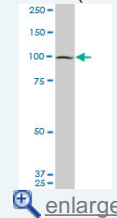
1. [The functional landscape of Hsp27 reveals new cellular processes such as DNA repair and alternative splicing and proposes novel anticancer targets.](#)
Katsogiannou M, Andrieu C, Baylot V, Baudot A, Dusetti NJ, Gayet O, Finetti P, Garrido C, Birnbaum D, Bertucci F, Brun C, Rocchi PMol Cell Proteomics. 2014 Oct 2. pii: mcp.M114.041228.

Applications

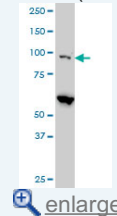
Western Blot (Cell lysate)

Application Image

Western Blot (Cell lysate)

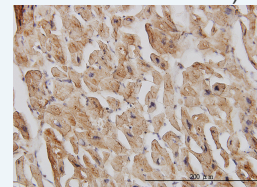


Western Blot (Cell lysate)



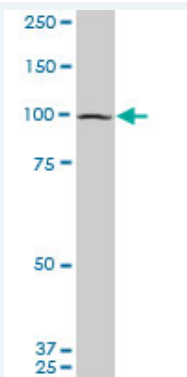
Western Blot (Recombinant protein)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



Sandwich ELISA (Recombinant protein)

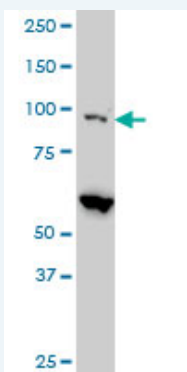
ELISA




EIF4G2 monoclonal antibody (M01), clone 3B5. Western Blot analysis of EIF4G2 expression in PC-12 (Cat # L012V1).

 [Protocol Download](#)

Western Blot (Cell lysate)



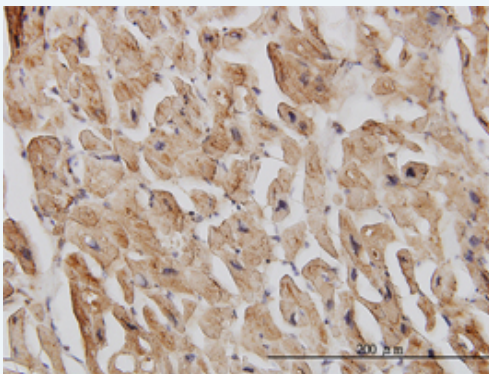
EIF4G2 monoclonal antibody (M01), clone 3B5 Western Blot analysis of EIF4G2 expression in HeLa S3 NE (Cat # L013V3).

 [Protocol Download](#)

Western Blot (Recombinant protein)


 [Protocol Download](#)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)




 [enlarge this image](#)

Immunoperoxidase of monoclonal antibody to EIF4G2 on formalin-fixed paraffin-embedded human heart. [antibody concentration 3 ug/ml]

 [Protocol Download](#)

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EIF4G2 is approximately 3ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [1982](#)

GeneBank [NM_001418](#)

Accession#:**Protein** [NP_001409](#)**Accession#:****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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