



# 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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## Datasheet

### **EIF4EBP1 recombinant monoclonal antibody, clone 4EB1T37T46-A5 (PE)**

**Catalog Number:** RAB02899

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit recombinant monoclonal antibody raised against human EIF4EBP1.

**Clone Name:** 4EB1T37T46-A5

**Immunogen:** A synthetic phospho-peptide corresponding to residues surrounding Thr37/46 of human phospho 4E-BP1

**Antibody Species:** Rabbit

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Purification:** Protein A+G

**Isotype:** Rabbit IgG1k

**Conjugation Note:** PE

**Recommend Usage:** Flow Cytometry  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** 1X PBS, 0.09% Sodium azide, 0.2% BSA

**Storage Instruction:** Store at 4°C. Do not freeze.

**Entrez GeneID:** 1978

**Gene Symbol:** EIF4EBP1

**Gene Alias:** 4E-BP1, 4EBP1, BP-1, MGC4316, PHAS-I

**Gene Summary:** This gene encodes one member of a family of translation repressor proteins. The protein directly interacts with eukaryotic translation initiation factor 4E (eIF4E), which is a limiting component of the

multisubunit complex that recruits 40S ribosomal subunits to the 5' end of mRNAs. Interaction of this protein with eIF4E inhibits complex assembly and represses translation. This protein is phosphorylated in response to various signals including UV irradiation and insulin signaling, resulting in its dissociation from eIF4E and activation of mRNA translation. [provided by RefSeq]