

# KD-Validated Anti-EIF4EBP1 Recombinant Rabbit Monoclonal Antibody



**Catalog #: 61130**

## Aliases

EIF4EBP1; Eukaryotic Translation Initiation Factor 4E Binding Protein 1; PHAS-I; 4E-BP1; Phosphorylated Heat- And Acid-Stable Protein Regulated By Insulin 1; Eukaryotic Translation Initiation Factor 4E-Binding Protein 1; EIF4E-Binding Protein 1; 4EBP1; BP-1

## Background

Gene Name: EIF4EBP1

NCBI Gene Entry: [1978](#)

UniProt Entry: [Q13541](#)

## Application Information

Molecular Weight: Predicted, 13 kDa, observed, 18 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB1985

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human eIF4EBP1

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

**Note:** This product is for research use only.

---

### SUPPORT

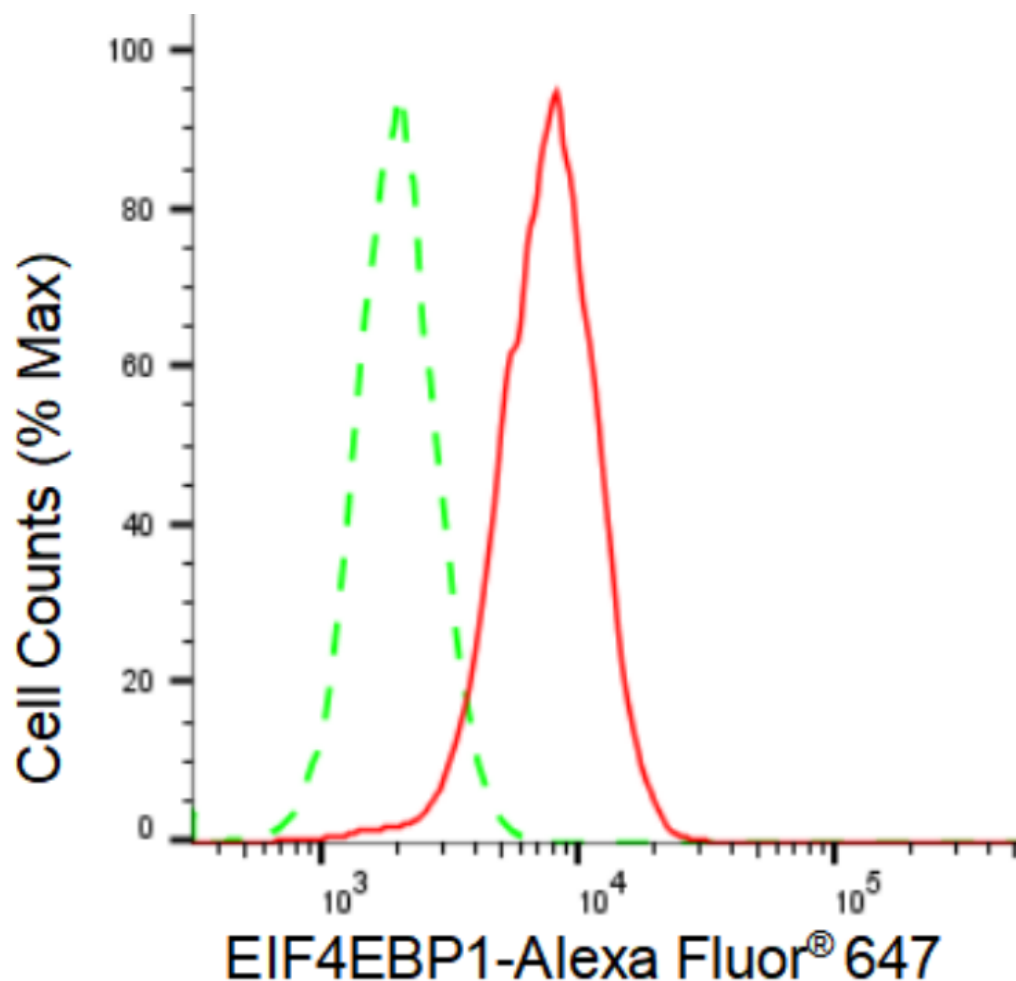
SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

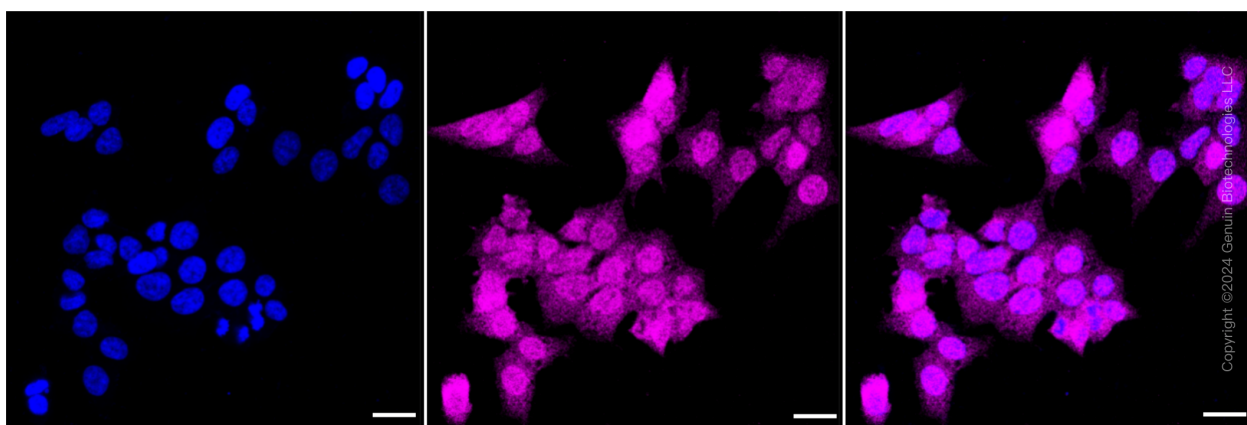
[WWW.GENUINBIOTECH.COM](http://WWW.GENUINBIOTECH.COM)

**Validation Data**



Copyright ©2024 Genuin Biotechnologies LLC

Flow cytometric analysis of EIF4EBP1 expression in HAP-1 cells using EIF4EBP1 antibody (Cat#61130, 1:2,000). Green, isotype control; red, EIF4EBP1.



Immunocytochemical staining of HAP-1 cells with EIF4EBP1 antibody (Cat#61130, 1:1,000). Nuclei were stained blue with DAPI; EIF4EBP1 was stained magenta with Alexa Fluor® 647.

**SUPPORT**

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

**ORDERS**

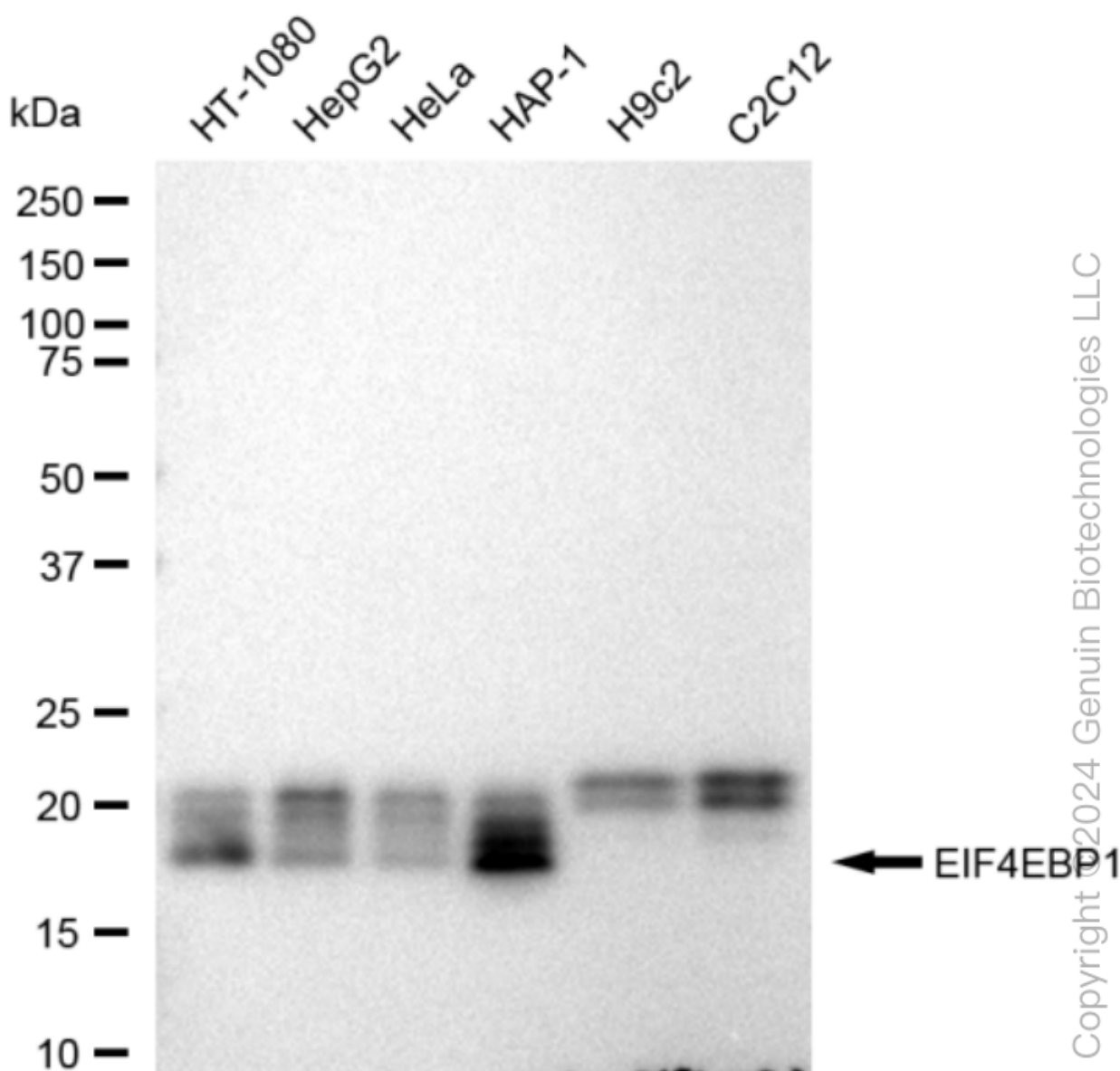
SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

**WWW.GENUINBIOTECH.COM**

## KD-Validated Anti-EIF4EBP1 Recombinant Rabbit Monoclonal Antibody

PAGE 3

Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20  $\mu$ m.



Western blotting analysis using anti-EIF4EBP1 antibody (Cat#61130). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-EIF4EBP1 antibody (Cat#61130, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

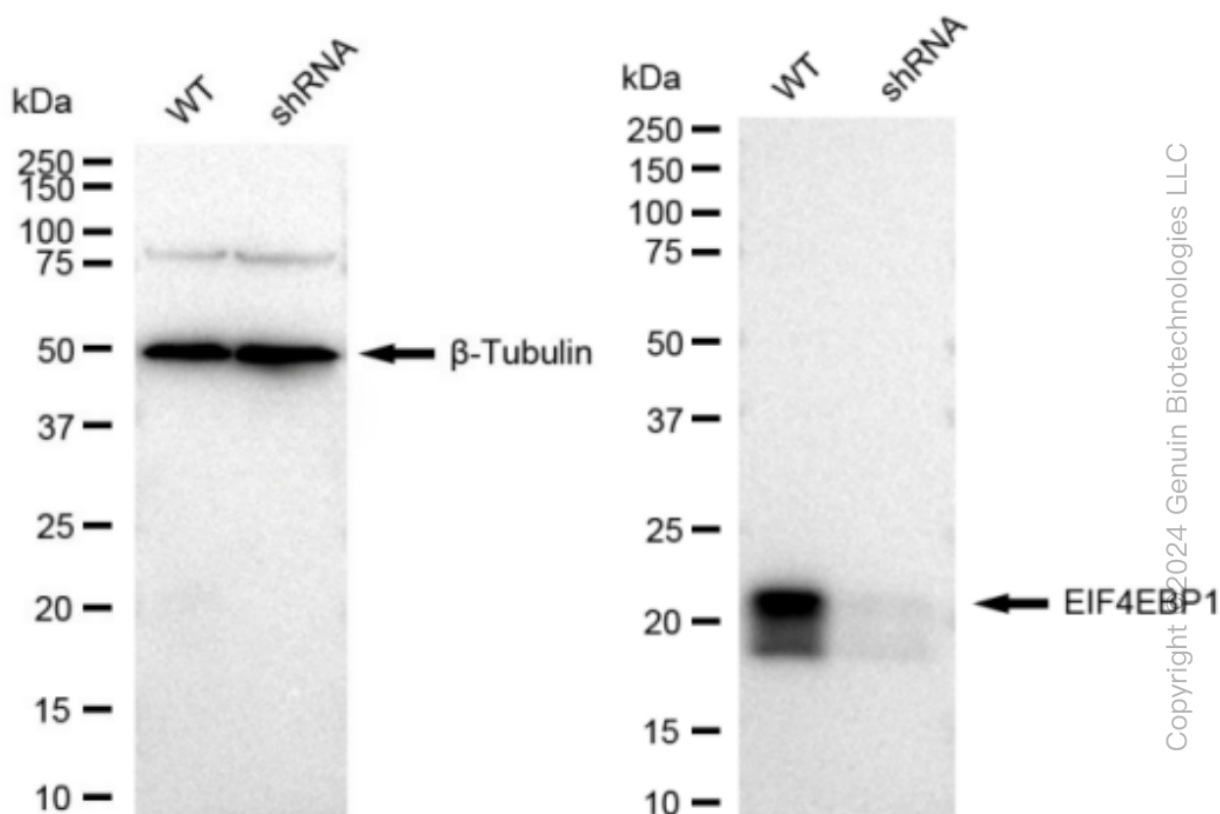
### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

[WWW.GENUINBIOTECH.COM](http://WWW.GENUINBIOTECH.COM)

## KD-Validated Anti-EIF4EBP1 Recombinant Rabbit Monoclonal Antibody

PAGE 4



Western blotting analysis using anti-EIF4EBP1 antibody (Cat#61130). EIF4EBP1 expression in wild type (WT) and EIF4EBP1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-EIF4EBP1 antibody (Cat#61130, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

[WWW.GENUINBIOTECH.COM](http://WWW.GENUINBIOTECH.COM)