

# Anti-Phospho-4E BP1 (Thr46) [R03-5C7] Monoclonal Antibody - Knockout Validated

AGMB06574

## Description

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This Anti-Phospho-4E BP1 (Thr46) [R03-5C7] Monoclonal Antibody -Knockout Validated is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

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<b>SKU:</b>	AGMB06574
<b>Contents:</b>	20µl, 50µl, 100µl Bradford Reagent: 1 vial (2ml)
<b>Synonyms:</b>	EIF4EBP1, Eukaryotic translation initiation factor 4E-binding protein 1, 4E-BP1, eIF4E-binding protein 1, Phosphorylated heat- and acid-stable protein regulated by insulin 1, PHAS-I
<b>Applications:</b>	<b>WB IHC-P</b>
<b>Research Area:</b>	Epigenetics
<b>Form:</b>	Liquid

## Antibody Data

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<b>Reactivity:</b>	Human, Mouse
<b>Clone:</b>	R03-5C7
<b>Clonality:</b>	Monoclonal Antibody
<b>SwissProt ID:</b>	Q13541
<b>Immunogen:</b>	A synthetic phosphopeptide corresponding to residues surrounding Thr45 of human eIF4EBP1

### Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

**Gene ID:** 1978

**Gene Name:** EIF4EBP1

**Host Species:** Rabbit

**Isotype:** IgG

**Purification:** Affinity Purified

**Conjugated:** Unconjugated

**Modification:** Phosphorylated

**Molecular Weight:** Calculated MW: 13 kDa, Observed MW: 15-20 kDa

## Preparation & Storage

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**Storage:** Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  
Store Bradford Reagent at Room Temperature for 1 Year.

**Storage Buffer:** Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

<b>Antibody Dilution Ratio:</b>	<b>Application</b>	<b>Antibody Dilution Ratio</b>
	WB	1:1000-1:5000
	IHC-P	1:50-1:100

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol.