

<b>Cat. No:</b>	MAB-94708
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	236B4
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rb
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	A synthetic phosphorylated peptide around T37 & T46 of human 4E-BP1
<b>Reactivity:</b>	Hu, Ms, Rt
<b>Applications:</b>	WB 1:500 - 1:2000 IHC 1:50 - 1:200
<b>Molecular Weight:</b>	15kDa-20kDa
<b>Purification:</b>	Affinity purification
<b>Synonyms:</b>	4E-BP1;4EBP1;BP-1;PHAS-I;EIF4EBP1
<b>Background:</b>	<p>This gene encodes one member of a family of translation repressor proteins. The protein directly interacts with eukaryotic translation initiation factor 4E, 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 4E 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 4E and activation of mRNA translation.</p>
<b>Form:</b>	liquid
<b>Buffer:</b>	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.

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