

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

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