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## Product Datasheet

### 4E Binding Protein 1, non-phosphorylated (Thr46) (Protein Synthesis Initiation Factor 4E Binding Protein, eIF-4EBP1, PHAS-1, PHAS-I, Eukaryotic Translation Initiation Factor BP), Clone: [7H187D12], Rabbit, Monoclonal USB-0004-20B

Article Name	4E Binding Protein 1, non-phosphorylated (Thr46) (Protein Synthesis Initiation Factor 4E Binding Protein, eIF-4EBP1, PHAS-1, PHAS-I, Eukaryotic Translation Initiation Factor BP), Clone: [7H187D12], Rabbit, Monoclonal
Biozol Catalog Number	USB-0004-20B
Supplier Catalog Number	0004-20B
Alternative Catalog Number	USB-0004-20B-100
Manufacturer	US Biological
Host	Rabbit
Category	Antikörper
Application	FC, IF, WB
Immunogen	Synthetic peptide corresponding to residues surrounding Thr46 of human 4E-BP1.
Product Description	4E-BP1 (also known as PHAS-1) when bound to eIF4E, inhibits cap-dependent translation. Upon hyperphosphorylation of 4E-BP1 this interaction is disrupted and cap-dependent translation is activated (1). Both the PI3 kinase/Akt pathway and FRAP/mTOR kin...
Clonality	Monoclonal
Clone Designation	[7H187D12]

Purity	Purified
Form	Supplied as a liquid in 10mM sodium HEPES, pH 7.5, 150mM sodium chloride, 0.1mg/ml BSA, 0.02% sodium azide, 50% glycerol.