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Product Datasheet

**4E Binding Protein 1 Antibody Kit (Protein Synthesis Initiation Factor 4E
Binding Protein, eIF-4EBP1, PHAS-1, PHAS-I, Eukaryotic Translation
Initiation Factor BP)
USB-0004-18C**

Article Name	4E Binding Protein 1 Antibody Kit (Protein Synthesis Initiation Factor 4E Binding Protein, eIF-4EBP1, PHAS-1, PHAS-I, Eukaryotic Translation Initiation Factor BP)
Biozol Catalog Number	USB-0004-18C
Supplier Catalog Number	0004-18C
Alternative Catalog Number	USB-0004-18C-6X20
Manufacturer	US Biological
Category	Kits/Assays
Application	ELISA, FC, IF, IHC, IP, WB
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding Thr37 and Thr46 of mouse 4E-BP1, residues surrounding Thr46 of human 4E-BP1, residues surrounding Ser65 of mouse 4E-BP1 and derived from the sequence around Ser112 of human 4E-BP1.
Product Description	PHAS-I, also known as eIF4E-BP1 and PHAS-II,-III (eIF4E-BP2, 3), are members of a family of proteins that regulate eukaryotic translation initiation which is mediated by the cap structure (m7GpppN, where N=any nucleotide) present at the 5' end of all...
UniProt	Q13541
Purity	Purified by Protein A and peptide affinity chromatography.
Form	Supplied as a liquid in 10mM sodium HEPES, pH 7.5, 150mM sodium chloride, 0.1mg/ml BSA, 50% glycerol.