Recombinant DGRmAb®

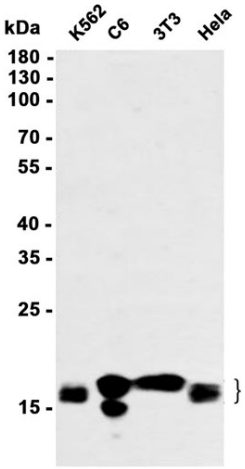
Phospho-eIF4EBP1/eIF4EBP2/eIF4EBP3 (Thr45) (DGR12685) Rabbit mAb (PBS Only)

db13818-PBS **Package : 10μg 100μg**

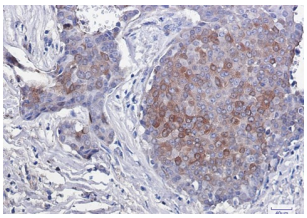
Product Name : Phospho-eIF4EBP1/eIF4EBP2/eIF4EBP3 (Thr45) (DGR12685) Rabbit mAb (PBS Only)
Cat.No.: db13818-PBS
Synonyms : BP-1; 4EBP1; 4E-BP1; PHAS-I
Application : WB, IHC-P
Reactivity : Human,Mouse
Host species : Rabbit

Background	This gene encodes one member of a family of translation repressor proteins. The protein directly interacts with eukaryotic translation initiation factor 4E (eIF4E), 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 eIF4E 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 eIF4E and activation of mRNA translation. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Thr45 of human eIF4EBP1
Gene ID	1978
Swiss Prot	Q13541
Synonyms	BP-1; 4EBP1; 4E-BP1; PHAS-I
Reactivity	Human,Mouse
Application	WB, IHC-P
Calculated MW	13 kDa
Observed MW	15-20 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR12685
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated

Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from K562, C6, 3T3, HeLa cells using db13818 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human breast cancer using db13818 antibody.