Recombinant DGRmAb®

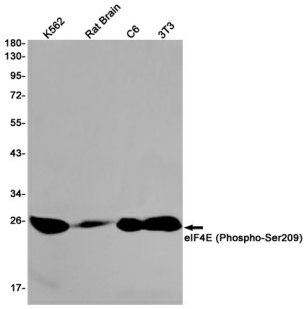
Phospho-eIF4E (Ser209) (DGR19212) Rabbit mAb

db11218 **Package : 10μL 20μL 50μL 100μL**

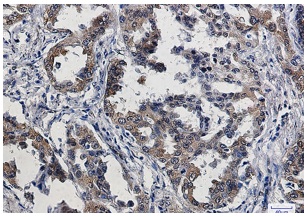
Product Name : Phospho-eIF4E (Ser209) (DGR19212) Rabbit mAb
Cat.No.: db11218
Synonyms : CBP; EIF4F; AUTS19; EIF4E1; eIF-4E; EIF4EL1
Application : WB, IHC-P, ICC/IF, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	The protein encoded by this gene is a component of the eukaryotic translation initiation factor 4F complex, which recognizes the 7-methylguanosine cap structure at the 5' end of messenger RNAs. The encoded protein aids in translation initiation by recruiting ribosomes to the 5'-cap structure. Association of this protein with the 4F complex is the rate-limiting step in translation initiation. This gene acts as a proto-oncogene, and its expression and activation is associated with transformation and tumorigenesis. Several pseudogenes of this gene are found on other chromosomes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser209 of human eIF4E
Gene ID	1977
Swiss Prot	P06730
Synonyms	CBP; EIF4F; AUTS19; EIF4E1; eIF-4E; EIF4EL1
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, IP
Recommended dilution	WB: 1:1000-1:10000 IHC-P: 1:50-1:200 ICC/IF: 1:200-1:500 IP: 1:50
Calculated MW	25 kDa
Observed MW	25 kDa
Host species	Rabbit
Clonality	Monoclonal

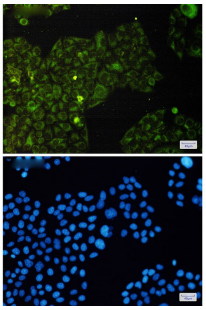
Clonality No.	DGR19212
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of eIF4E (Phospho-Ser209) in K562,Rat Brain,C6,3T3 cell lysates using eIF4E (Phospho-Ser209) antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human lung cancer using db11218 antibody.



Immunofluorescent analysis of HeLa cells using db11218 antibody (green), and DAPI (blue).