

Recombinant

DGRmAb®

## eIF4E (DGR16579) Rabbit mAb

db13610

Package : 10µL 20µL 50µL 100µL

**Product Name** : eIF4E (DGR16579) Rabbit mAb**Cat.No.:** db13610**Synonyms** : CBP; EIF4F; AUTS19; EIF4E1; eIF-4E; EIF4EL1**Application** : WB, IHC, ICC/IF, FC, 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 peptide of human eIF4E

**Gene ID**

1977

**Swiss Prot**

P06730

**Synonyms**

CBP; EIF4F; AUTS19; EIF4E1; eIF-4E; EIF4EL1

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC, ICC/IF, FC, IP

**Recommended dilution**

WB: 1:1000

IHC: 1:100

ICC/IF: 1:200-1:500

FC: 1:200

IP: 1:20

**Calculated MW**

25 kDa

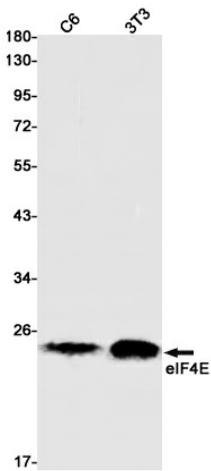
**Observed MW**

25 kDa

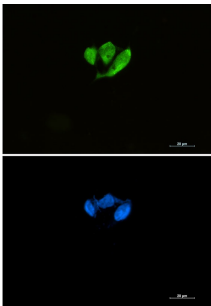
**Host species**

Rabbit

Clonality	Monoclonal
Clonality No.	DGR16579
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 in C6,3T3 cell lysates using eIF4E antibody(1:1000 diluted).



Immunofluorescent analysis of HCT116 cells using db13610 antibody (green), and DAPI (blue).