

**eIF4E (8C8) Mouse mAb**

db6264

Package : 50µL 100µL

**Product Name** : eIF4E (8C8) Mouse mAb**Cat.No.:** db6264**Synonyms** : EIF4E; EIF4EL1; EIF4F; Eukaryotic translation initiation factor 4E; eIF-4E; eIF4E; eIF-4F 25 kDa subunit; mRNA cap-binding protein**Application** : WB**Reactivity** : Human, Mouse, Rat**Host species** : Mouse**Background**

Its translation stimulation activity is repressed by binding to the complex CYFIP1-FMR1. Recognizes and binds the 7-methylguanosine-containing mRNA cap during an early step in the initiation of protein synthesis and facilitates ribosome binding by inducing the unwinding of the mRNAs secondary structures. Component of the CYFIP1-EIF4E-FMR1 complex which binds to the mRNA cap and mediates translational repression. In the CYFIP1-EIF4E-FMR1 complex this subunit mediates the binding to the mRNA cap.

**Immunogen**

Purified recombinant human eif4e protein expressed in E.coli

**Gene ID**

1977

**Swiss Prot**

P06730

**Synonyms**

EIF4E; EIF4EL1; EIF4F; Eukaryotic translation initiation factor 4E; eIF-4E; eIF4E; eIF-4F 25 kDa subunit; mRNA cap-binding protein

**Reactivity**

Human, Mouse, Rat

**Application**

WB

**Recommended dilution**

WB: 1:500-1:1000

**Calculated MW**

25 kDa

**Observed MW**

25 kDa

**Host species**

Mouse

**Clonality**

Monoclonal

**Clonality No.**

8C8-C10-C12

**Isotype**

IgG1

**Purity**

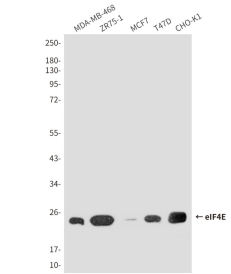
Affinity Purification

Conjugation

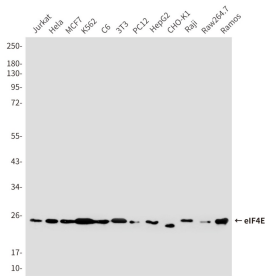
Un-conjugated

Storage Stability

Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA .  
Stable for 12 months from date of receipt.



Western blot analysis of eIF4E in MDA-MB-468, ZR751, MCF-7, T47D and CHO-K1 lysates using eIF4E antibody.



Western blot analysis of eIF4E (8C8) in Jurkat, Hela, MCF-7, K562, C6, 3T3, PC-12, HepG2, CHO-K1, Raji, Raw264.7 and Ramos lysates using eIF4E antibody.