

eIF4E (8C8) Mouse mAb (PBS Only)

db6264-PBS

Package : 可询价

Product Name : eIF4E (8C8) Mouse mAb (PBS Only)**Cat.No.:** db6264-PBS**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

Calculated MW

25 kDa

Observed MW

25 kDa

Host species

Mouse

Clonality

Monoclonal

Clonality No.

8C8-C10-C12

Isotype

IgG1

Purity

Affinity Purification

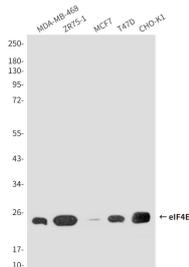
Conjugation

Un-conjugated

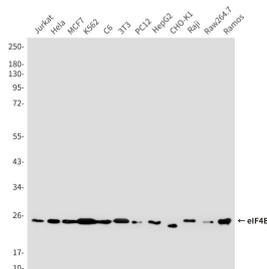
Concentration 1 mg/mL

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 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.