

Product Datasheet

eIF4E (8C8) Mouse mAb

Catalog No: AB3399

Reactivity: Human, Mouse, Rat

Isotype: Mouse IgG1

Applications: WB



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Information

UniProt ID: P06730

All Names: CBP; EIF4F; AUTS19; EIF4E1; eIF-4E; EIF4EL1; EIF4E

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

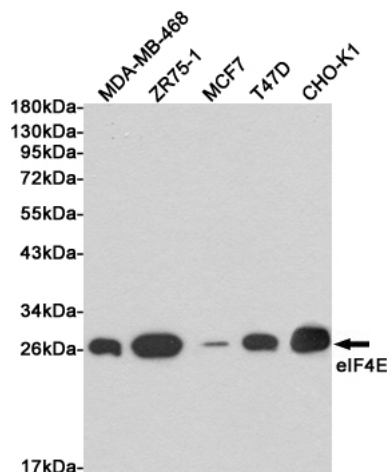
Molecular Wt.: 25kDa

Application

WB 1:500-1:1000

Background

Swiss-Prot Acc.P06730. 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.



Western blot detection of eIF4E in MDA-MB-468, ZR75-1, MCF7, T47D and CHO-K1 cell lysates using eIF4E mouse mAb (1:1000 diluted). Predicted band size: 25KDa. Observed band size: 25KDa.

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