

Product Datasheet

eIF2 alpha Mouse mAb

Catalog No: AB3335

Reactivity: Human, Mouse, Rat

Isotype: Mouse IgG2b

Applications: WB, ICC/IF, IP



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Information

UniProt ID: P05198

All Names: EIF-2; eIF-2-alpha; eIF-2A; eIF-2alpha; EIF2; EIF2A; EIF2S1; IF2A;

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.: 38KDa

Application

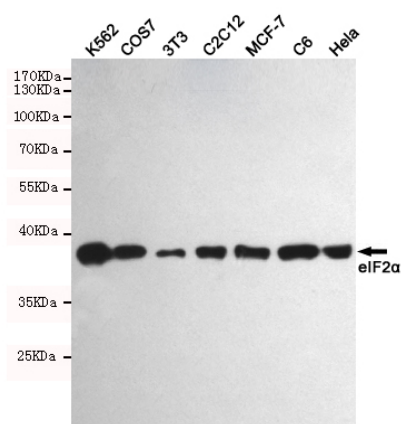
WB 1:1000

ICC/IF 1:200

IP

Background

Functions in the early steps of protein synthesis by forming a ternary complex with GTP and initiator tRNA. This complex binds to a 40S ribosomal subunit, followed by mRNA binding to form a 43S preinitiation complex.



Western blot detection of eIF2α in K562, COS7, 3T3, C2C12, MCF-7, C6 and HeLa cell lysates using eIF2α mouse mAb (1:1000 diluted). Predicted band size: 38KDa. Observed band size: 38KDa.

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