

ELONGATION FACTOR 2 (4B3) MOUSE MAB

Cat.#: N261050

Product Name: Anti-Elongation factor 2 (4B3) Mouse Monoclonal Antibody

Synonyms: EEF2; EF2; Elongation factor 2; EF-2

UNIPROT ID: P13639

Background: Catalyzes the GTP-dependent ribosomal translocation step during translation elongation. During this step, the ribosome changes from the pre-translocational (PRE) to the post-translocational (POST) state as the newly formed A-site-bound peptidyl-tRNA and P-site-bound deacylated tRNA move to the P and E sites, respectively.

Immunogen: Purified recombinant human eEF2 protein fragments expressed in E.coli.

Applications: WB, ICC/IF, CHIP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 CHIP: 1/20

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 4B3-G7-H5

MW: Calculated MW: 95 kDa; Observed MW: 95 kDa

Isotype: IgG2b

Purification: Affinity Purified

Species Reactivity: Human

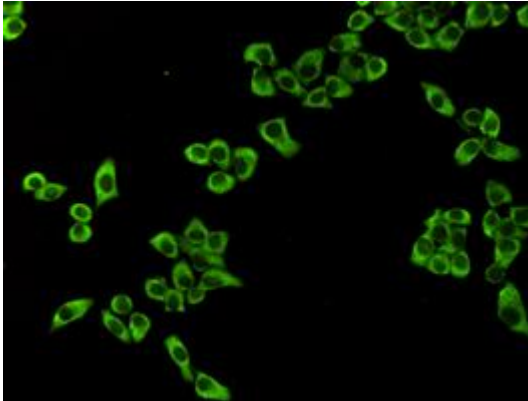
Conjugation: Unconjugated

Modification: Unmodified

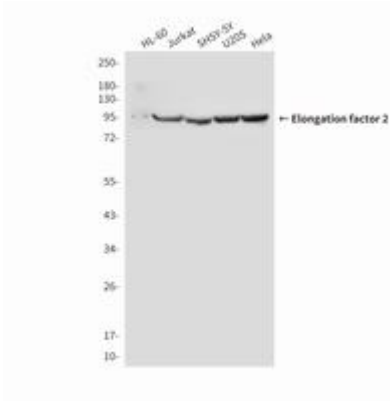
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics and Nuclear Signaling

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of Elongation factor 2 (4B3) in HeLa using eEF2 antibody.



Western blot analysis of eEF2 in HL-60, Jurkat, SH-SY5Y, U2OS and HeLa lysates using eEF2 antibody.