

## 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

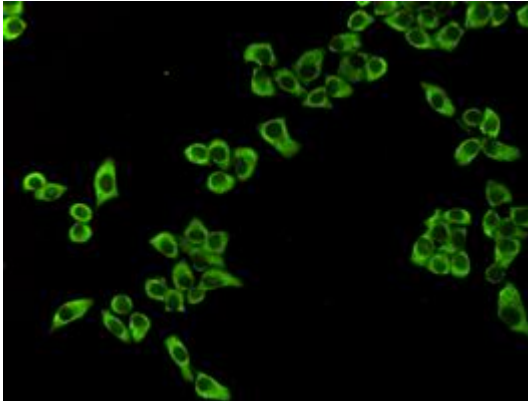
**Conjugation:** Unconjugated

**Modification:** Unmodified

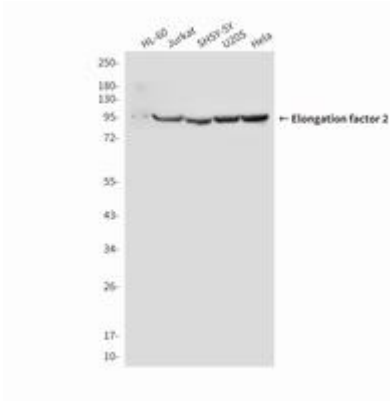
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**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, U20S and HeLa lysates using eEF2 antibody.