

**Product Name: Elongation factor 2 (4B3) Mouse  
Monoclonal Antibody  
Catalog #: AMM03456**

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## Summary

|                        |                                                     |
|------------------------|-----------------------------------------------------|
| <b>Production Name</b> | Elongation factor 2 (4B3) Mouse Monoclonal Antibody |
| <b>Description</b>     | Mouse Monoclonal Antibody                           |
| <b>Host</b>            | Mouse                                               |
| <b>Application</b>     | WB, ICC/IF, ChIP                                    |
| <b>Reactivity</b>      | Human                                               |

## Performance

|                     |                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                   |
| <b>Modification</b> | Unmodified                                                                                     |
| <b>Isotype</b>      | IgG2b                                                                                          |
| <b>Clonality</b>    | Monoclonal                                                                                     |
| <b>Form</b>         | Liquid                                                                                         |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.       |
| <b>Buffer</b>       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3. |
| <b>Purification</b> | Affinity Purification                                                                          |

## Immunogen

|                          |                                      |
|--------------------------|--------------------------------------|
| <b>Gene Name</b>         | EEF2                                 |
| <b>Alternative Names</b> | EEF2; EF2; Elongation factor 2; EF-2 |
| <b>Gene ID</b>           | 1938                                 |
| <b>SwissProt ID</b>      | P13639.                              |

## Application

|                         |                                            |
|-------------------------|--------------------------------------------|
| <b>Dilution Ratio</b>   | WB: 1:500-1:1000 IF: 1:50-1:200 ChIP: 1:20 |
| <b>Molecular Weight</b> | Calculated MW: 95 kDa; Observed MW: 95 kDa |

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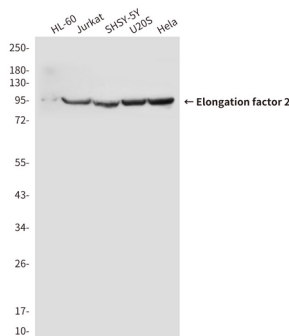
## Background

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.

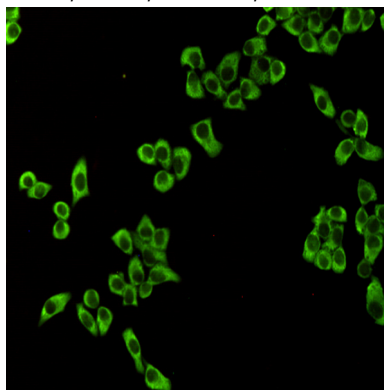
## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of eEF2 in HL-60, Jurkat, SH-SY5Y, U20S and HeLa lysates using eEF2 antibody.



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

## Note

For research use only.