

## Product Datasheet

### EEF2 Mouse Monoclonal Antibody (orb1474361)

|                             |   |
|-----------------------------|---|
| <b>Catalog Number</b>       | orb1474361  |
| <b>Category</b>             | Antibodies  |
| <b>Description</b>          | The EEF2 Antibody is suitable for ChIP, IF, WB. It is a Monoclonal, Unconjugated antibody which raised against Purified recombinant human eEF2 protein fragments expressed in E.coli. Purification: The antibody was purified by immunogen affinity chromatography. |
| <b>Target</b>               | EEF2  |
| <b>Clonality</b>            | Monoclonal  |
| <b>Species/Host</b>         | Mouse   |
| <b>Conjugation</b>          | Unconjugated  |
| <b>Reactivity</b>           | Human   |
| <b>Form/Appearance</b>      | Liquid  |
| <b>Buffer/Preservatives</b> | PBS containing 50% glycerol, 0.5% rAlbumin and 0.02% sodium azide, pH 7.3.  |
| <b>Purification</b>         | The antibody was purified by immunogen affinity chromatography.   |
| <b>Immunogen</b>            | Purified recombinant human eEF2 protein fragments expressed in E.coli.  |
| <b>UniProt ID</b>           | <b>P13639</b>   |
| <b>Tested applications</b>  | ChIP, IF, WB  |
| <b>Dilution range</b>       | WB (1/500 - 1/1000), IF/IC (1/50 - 1/100), ChIP (1/10 - 1/50)   |
| <b>Specificity</b>          | Recognizes endogenous levels of EEF2 protein.   |

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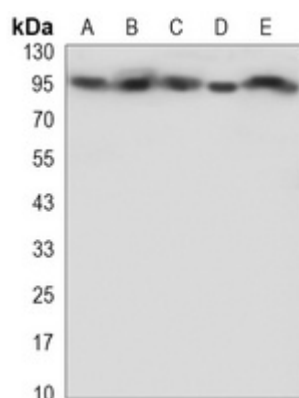
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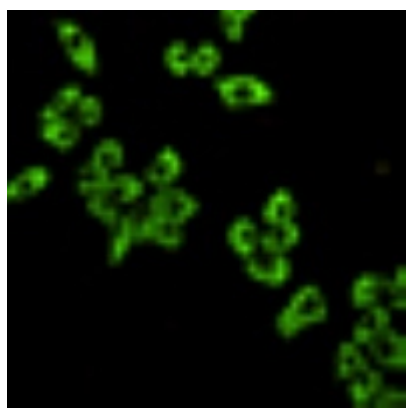
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|                        |   |
|------------------------|---|
| <b>Antibody Type</b>   | Primary Antibody  |
| <b>Storage</b>         | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| <b>Note</b>            | For research use only   |
| <b>Entrez</b>          | <b>1938</b>   |
| <b>Expiration Date</b> | 12 months from date of receipt.   |



Western blot analysis of EEF2 expression in HL60 (A), Jurkat (B), SHSY5Y (C), U20S (D), HeLa (E) whole cell lysates. (Predicted band size: 95 kD; Observed band size: 95 kD)



Immunofluorescent analysis of EEF2 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

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