

## Product datasheet for **TA346936**

### EEF2 Mouse Monoclonal Antibody [Clone ID: 4B3-G7-H5]

#### Product data:

|                         |                                                                                                                                                                                                                                                                                                                                               |
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| Product Type:           | Primary Antibodies                                                                                                                                                                                                                                                                                                                            |
| Clone Name:             | 4B3-G7-H5                                                                                                                                                                                                                                                                                                                                     |
| Applications:           | IF, WB                                                                                                                                                                                                                                                                                                                                        |
| Recommended Dilution:   | WB: 1:5000, IF: 1:200                                                                                                                                                                                                                                                                                                                         |
| Reactivity:             | Human                                                                                                                                                                                                                                                                                                                                         |
| Host:                   | Mouse                                                                                                                                                                                                                                                                                                                                         |
| Isotype:                | IgG2b                                                                                                                                                                                                                                                                                                                                         |
| Clonality:              | Monoclonal                                                                                                                                                                                                                                                                                                                                    |
| Immunogen:              | The immunogen for EEF2 antibody: purified recombinant human eEF2 protein fragments expressed in E.coli.                                                                                                                                                                                                                                       |
| Formulation:            | Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.02% sodium azide, 50% glycerol                                                                                                                                                                                                                  |
| Purification:           | Affinity purified                                                                                                                                                                                                                                                                                                                             |
| Conjugation:            | Unconjugated                                                                                                                                                                                                                                                                                                                                  |
| Storage:                | Store at -20°C as received.                                                                                                                                                                                                                                                                                                                   |
| Stability:              | Stable for 12 months from date of receipt.                                                                                                                                                                                                                                                                                                    |
| Predicted Protein Size: | 95 kDa                                                                                                                                                                                                                                                                                                                                        |
| Gene Name:              | eukaryotic translation elongation factor 2                                                                                                                                                                                                                                                                                                    |
| Database Link:          | <a href="#">NP_001952</a><br><a href="#">Entrez Gene 1938 Human P13639</a>                                                                                                                                                                                                                                                                    |
| Background:             | This gene encodes a member of the GTP-binding translation elongation factor family. This protein is an essential factor for protein synthesis. It promotes the GTP-dependent translocation of the nascent protein chain from the A-site to the P-site of the ribosome. This protein is completely inactivated by EF-2 kinase phosphorylation. |
| Synonyms:               | EEF-2; EF-2; EF2; SCA26                                                                                                                                                                                                                                                                                                                       |



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