

## Mouse Monoclonal Antibody to EEF2

|                                |  |
|--------------------------------|--|
| <b>Catalogue Number</b>        | sAP-0541   |
| <b>Target Molecule</b>         | <p><b>Name:</b> EEF2</p> <p><b>Aliases:</b> EF2; EEF-2; EEF2</p> <p><b>MW:</b> 95kDa</p> <p><b>Entrez Gene ID:</b> 1938</p>  |
| <b>Description</b>             | 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. (provided by RefSeq) |
| <b>Immunogen</b>               | Purified recombinant fragment of human EEF2 expressed in E. Coli. ;  |
| <b>Recombinant Species</b>     | Human  |
| <b>Clone</b>                   | MM5B6;   |
| <b>Size and Concentration</b>  | 100µg/1mg/ml   |
| <b>Supplied as</b>             | Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.  |
| <b>Reconstitution/Storages</b> | Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage   |
| <b>Applications</b>            | ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000  |
| <b>Shipping</b>                | Regular FEDEX overnight shipment (ambient temperature)   |
| <b>Reference</b>               | 1. Mol Cell Biol. 2008 Dec;28(23):7050-65. ; 2. Am J Physiol Regul Integr Comp Physiol. 2009 Feb;296(2):R326-33.   |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**