

## Mouse Monoclonal Antibody to EIF4B

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|--------------------------------|---|
| <b>Catalogue Number</b>        | sAP-0715  |
| <b>Target Molecule</b>         | <p><b>Name:</b> EIF4B</p> <p><b>Aliases:</b> EIF-4B; PRO1843</p> <p><b>MW:</b> 80kDa</p> <p><b>Entrez Gene ID:</b> 1975</p>   |
| <b>Description</b>             | The eukaryotic translation initiation factor 4B (eIF4B) plays a critical role in recruiting the 40S ribosomal subunit to the mRNA. It functions in close association with eIF4F and eIF4A. It binds near the 5'-terminal cap of mRNA in the presence of eIF4F and ATP. It promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both eIF4A and eIF4F |
| <b>Immunogen</b>               | Purified recombinant fragment of human EIF4B expressed in E. Coli. ;  |
| <b>Reactive Species</b>        | Human; Mouse  |
| <b>Clone</b>                   | MM1F5;  |
| <b>Size and Concentration</b>  | 100µg/1mg/ml  |
| <b>Supplied as</b>             | Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% 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; FCM: 1 to 200 - 1 to 400   |
| <b>Shipping</b>                | Regular FEDEX overnight shipment (ambient temperature)  |
| <b>Reference</b>               | 1. Mol Biol Cell. 2009 Jun;20(11):2673-83. ; 2. EMBO J. 2006 Jun 21;25(12):2781-91. ;   |

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**