

## Mouse Monoclonal Antibody to RALA

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| <b>Catalogue Number</b>        | sAP-1171                                                                                                                                                                                                                                                                                                                                        |
| <b>Target Molecule</b>         | <p><b>Name: RALA</b></p> <p><b>Aliases: RAL</b></p> <p><b>MW: 23.6kDa</b></p> <p><b>Entrez Gene ID: 5898</b></p>                                                                                                                                                                                                                                |
| <b>Description</b>             | The product of this gene belongs to the small GTPase superfamily, Ras family of proteins. GTP-binding proteins mediate the transmembrane signaling initiated by the occupancy of certain cell surface receptors. This gene encodes a low molecular mass ras-like GTP-binding protein that shares about 50% similarity with other ras proteins.; |
| <b>Immunogen</b>               | Purified recombinant fragment of human RALA (AA: 71-203) expressed in E. Coli.                                                                                                                                                                                                                                                                  |
| <b>Recitative Species</b>      | Human; Mouse; Monkey;                                                                                                                                                                                                                                                                                                                           |
| <b>Clone</b>                   | MM4G8C7;                                                                                                                                                                                                                                                                                                                                        |
| <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.Cell Signal. 2012 Jun;24(6):1134-40. ; 2.Int J Immunopathol Pharmacol. 2009 Jul-Sep;22(3):735-43.;                                                                                                                                                                                                                                            |

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**