

## Mouse Monoclonal anti Human GRK7

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| Catalogue Number        | hAP-1014                                                                                                                                                                                                                                                              |
| Size/Concentration      | 100µg                                                                                                                                                                                                                                                                 |
| Immunogen               | Recombinant human GRK7                                                                                                                                                                                                                                                |
| Clone Name              | MM1014-1U31                                                                                                                                                                                                                                                           |
| Antibody Isotype        | Mouse IgG2                                                                                                                                                                                                                                                            |
| Preparation             | This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells) from a mouse immunized with recombinant human GRK2 (G protein-coupled receptor kinases 2). GRK7 is a member of the rhodopsin kinase or visual GRK subfamily.                      |
| Formulation and Storage | The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and lyophilized from a 0.2µm filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.    |
| Specificity             | This antibody recognizes human GRK7 in direct ELISAs and WBs. It cross reacts with mouse and rat GRK7 in WBs.                                                                                                                                                         |
| Reconstitution          | Reconstitute the antibody with 500µl sterile PBS and the final concentration is 200µg/ml. Reconstituted antibody can also be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Applications            | A: WB-(1 to 1000-2000)<br>B:<br>C:<br>D:                                                                                                                                                                                                                              |
| Shipping                | Regular FEDEX overnight shipment (ambient temperature)                                                                                                                                                                                                                |

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**