

|                          |                                                                                                                                                                                |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name:</b>     | PRKRA Rabbit Monoclonal Antibody                                                                                                                                               |
| <b>Cat number:</b>       | MABN02393                                                                                                                                                                      |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                   |
| <b>Size:</b>             | 100µL                                                                                                                                                                          |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                     |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                         |
| <b>Host:</b>             | Rabbit                                                                                                                                                                         |
| <b>Isotype:</b>          | IgG                                                                                                                                                                            |
| <b>Immunogen:</b>        | A synthetic peptide of human PACT (phospho KR activating protein)/PRKRA                                                                                                        |
| <b>Reactivity:</b>       | Human, Mouse, Rat                                                                                                                                                              |
| <b>Applications:</b>     | WB 1:500-1:1000                                                                                                                                                                |
| <b>Molecular Weight:</b> | Calculated MW: 34 kDa; Observed MW: 34 kDa                                                                                                                                     |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                          |
| <b>Form:</b>             | Liquid                                                                                                                                                                         |
| <b>Buffer:</b>           | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA                                                                                          |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.                                                                                   |
| <b>Background:</b>       | Activates EIF2AK2/PKR in the absence of double stranded RNA (dsRNA), leading to phosphorylation of EIF2S1/EIF2-alpha and inhibition of translation and induction of apoptosis. |