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| <b>Product name:</b>     | RPS6KA2 Mouse Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Cat number:</b>       | MABN81383                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Size:</b>             | 100µL                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Host:</b>             | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Isotype:</b>          | Mouse IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Immunogen:</b>        | Purified recombinant fragment of human RPS6KA2 (AA: 415-734) expressed in E. Coli.                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Reactivity:</b>       | Human,Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Applications:</b>     | WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Molecular Weight:</b> | 83.2kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Buffer:</b>           | Purified antibody in PBS with 0.05% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <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>       | This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates various substrates, including members of the mitogen-activated kinase (MAPK) signalling pathway. The activity of this protein has been implicated in controlling cell growth and differentiation. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. |