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| <b>Product name:</b>     | TIMM50 Rabbit Monoclonal Antibody                                                                                                                                                                                                                              |
| <b>Cat number:</b>       | MABN84570                                                                                                                                                                                                                                                      |
| <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 synthesized peptide derived from human TIMM50                                                                                                                                                                                                                |
| <b>Reactivity:</b>       | Human, Mouse                                                                                                                                                                                                                                                   |
| <b>Applications:</b>     | WB 1:1000-1:2000, IHC 1:100-1:200                                                                                                                                                                                                                              |
| <b>Molecular Weight:</b> | Calculated MW: 40 kDa ; Observed MW: 36 kDa                                                                                                                                                                                                                    |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                          |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                         |
| <b>Buffer:</b>           | Purified antibody in PBS with 0.05% sodium azide, 0.05% BSA and 50% glycerol.                                                                                                                                                                                  |
| <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>       | Essential component of the TIM23 complex, a complex that mediates the translocation of transit peptide-containing proteins across the mitochondrial inner membrane. Has some phosphatase activity in vitro; however such activity may not be relevant in vivo. |