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| <b>Product name:</b>     | Phospho-Nrf2 (Ser40) Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                 |
| <b>Cat number:</b>       | MABN03900                                                                                                                                                                                                                                                                                                                                                                                       |
| <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 Phosphorylated peptide corresponding to residues target protein                                                                                                                                                                                                                                                                                                                     |
| <b>Reactivity:</b>       | Human                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Applications:</b>     | WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,FC 1:50-1:100,IP 1:50-1:100                                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Weight:</b> | Calculated MW: 68 kDa; Observed MW: 90 kDa                                                                                                                                                                                                                                                                                                                                                      |
| <b>Purification:</b>     | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Buffer:</b>           | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide 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>       | Transcription activator that binds to antioxidant response (ARE) elements in the promoter regions of target genes. Important for the coordinated up-regulation of genes in response to oxidative stress. May be involved in the transcriptional activation of genes of the beta-globin cluster by mediating enhancer activity of hypersensitive site 2 of the beta-globin locus control region. |