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| <b>Product name:</b>     | GSN (N-term) Mouse Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                             |
| <b>Cat number:</b>       | MABN85921                                                                                                                                                                                                                                                                                                                                                                                          |
| <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 IgM                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Immunogen:</b>        | This GSN antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 230-259 amino acids from the N-terminal region of human GSN.                                                                                                                                                                                                                                    |
| <b>Reactivity:</b>       | Human                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Applications:</b>     | WB 1:200-1:4000                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Weight:</b> | 85.7kDa                                                                                                                                                                                                                                                                                                                                                                                            |
| <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>       | The protein encoded by this gene binds to the 'plus' endsof actin monomers and filaments to prevent monomer exchange. Theencoded calcium-regulated protein functions in both assembly anddisassembly of actin filaments. Defects in this gene are a cause offamilial amyloidosis Finnish type (FAF). Multiple transcriptvariants encoding several different isoforms have been found forthis gene. |