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|--------------------------|--------------------------------------------------------------------------|
| <b>Cat. No:</b>          | MABN85011                                                                |
| <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 human TRIM21 protein fragments expressed in E.coli. |
| <b>Reactivity:</b>       | Human                                                                    |
| <b>Applications:</b>     | WB 1:500-1:1000                                                          |
| <b>Molecular Weight:</b> | Calculated MW: 54 kDa; Observed MW: 50 kDa                               |
| <b>Purification:</b>     | Affinity Purification                                                    |
| <b>Synonyms:</b>         | SSA; RO52; SSA1; RNF81; Ro/SSA                                           |

**Background:** This gene encodes a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The encoded protein is part of the RoSSA ribonucleoprotein, which includes a single polypeptide and one of four small RNA molecules. The RoSSA particle localizes to both the cytoplasm and the nucleus. RoSSA interacts with autoantigens in patients with Sjogren syndrome and systemic lupus erythematosus. Alternatively spliced transcript variants for this gene have been described but the full-length nature of only one has been determined.

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|-----------------|----------------------------------------------------------------------------------------------|
| <b>Form:</b>    | Liquid                                                                                       |
| <b>Buffer:</b>  | Purified antibody in PBS with 0.05% sodium azide, 0.5% 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. |

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