

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name:</b>     | CRISPR Cas9 SA Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Cat number:</b>       | MABN83938                                                                                                                                                                                                                                                                                                                                                                                                            |
| <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>        | Recombinant fragment derived from Staphylococcus aureus                                                                                                                                                                                                                                                                                                                                                              |
| <b>Reactivity:</b>       | Recombinant protein                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Applications:</b>     | WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200,FC 1:20-1:100,IP 1:20-1:50                                                                                                                                                                                                                                                                                                                         |
| <b>Molecular Weight:</b> | 124 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>       | CRISPR (clustered regularly interspaced short palindromic repeat) is an adaptive immune system that provides protection against mobile genetic elements (viruses, transposable elements and conjugative plasmids). CRISPR clusters contain spacers, sequences complementary to antecedent mobile elements, and target invading nucleic acids. CRISPR clusters are transcribed and processed into CRISPR RNA (crRNA). |