

**PRODUCT INFORMATION**

|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| <b>Clone ID</b>                         | 1G1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Target</b>                           | SN38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>                         | N.A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Host Species</b>                     | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>                      | PE-conjugated Anti-SN38 antibody(1G1); Rabbit mAb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Delivery</b>                         | 3-4 weeks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Uniprot ID</b>                       | N.A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>IgG type</b>                         | Rabbit IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Clonality</b>                        | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Reactivity</b>                       | N.A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Applications</b>                     | Flow Cyt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Recommended Dilutions</b>            | Flow Cyt 1:100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purification</b>                     | Purified from cell culture supernatant by affinity chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Formulation &amp; Reconstitution</b> | Liquid□PBS with 0.05% Proclin300, 1% BSA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage &amp; Shipping</b>           | Store at 2°C-8°C for 6 months                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Background</b>                       | SN38, a potent chemotherapeutic derived from irinotecan, plays a pivotal role in colorectal cancer treatment. As the active form of irinotecan, SN38 operates as an effective DNA topoisomerase I inhibitor, inducing cell death in cancer cells. Notably, SN38's potential is harnessed in Antibody-Drug Conjugates (ADCs), where it is delivered to tumor sites through innovative methods like liposomes and nanoparticles. This targeted approach enhances SN38's efficacy, emphasizing its crucial role in ADC-based strategies for precise and potent colorectal cancer therapy. |
| <b>Usage</b>                            | Research use only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Conjugate</b>                        | PE-conjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>DIMA Disclaimer</b>                  | All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement.                                                                                                                                                                                                                                                                                                                 |

