

## PRODUCT INFORMATION

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| <b>Clone ID</b>                         | DM59   |
| <b>Target</b>                           | CD27   |
| <b>Synonyms</b>                         | CD27; TNFRSF7; S152; T14; Tp55   |
| <b>Host Species</b>                     | Rabbit   |
| <b>Description</b>                      | Biotinylated Anti-CD27 antibody(DM59); Rabbit mAb  |
| <b>Delivery</b>                         | 2-3 weeks  |
| <b>Uniprot ID</b>                       | P26842   |
| <b>IgG type</b>                         | Rabbit IgG   |
| <b>Clonality</b>                        | Monoclonal   |
| <b>Reactivity</b>                       | Human  |
| <b>Applications</b>                     | ELISA; Flow Cyt  |
| <b>Recommended Dilutions</b>            | ELISA 1:5000-10000; Flow Cyt 1:100   |
| <b>Purification</b>                     | Purified from cell culture supernatant by affinity chromatography  |
| <b>Formulation &amp; Reconstitution</b> | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.   |
| <b>Storage&amp;Shipping</b>             | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.  |
| <b>Background</b>                       | The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70; and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8:JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA); a proapoptotic protein; can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor. |
| <b>Usage</b>                            | Research use only  |
| <b>Conjugate</b>                        | Biotinylated   |
| <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.   |

