

PRODUCT INFORMATION

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| Clone ID                     | DM45   |
| Target                       | CD138  |
| Synonyms                     | SDC1; Syndecan-1; CD138; SYND1; SDC  |
| Host Species                 | Rabbit   |
| Description                  | Biotinylated Anti-CD138 antibody(DM45); Rabbit mAb   |
| Delivery                     | 2-3 weeks  |
| Uniprot ID                   | P18827   |
| IgG type                     | Rabbit IgG   |
| Clonality                    | Monoclonal   |
| Reactivity                   | Human  |
| Applications                 | ELISA; Flow Cyt  |
| Recommended Dilutions        | ELISA 1:5000-10000; Flow Cyt 1:100   |
| Purification                 | Purified from cell culture supernatant by affinity chromatography  |
| Formulation & Reconstitution | 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.   |
| Storage&Shipping             | 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.  |
| Background                   | Syndecan-1 (SYND1 or SDC1) is also known as CD antigen CD138; is a transmembrane (type I) heparan sulfate proteoglycan and is a member of the syndecan proteoglycan family. The syndecans mediate cell binding; cell signaling; and cytoskeletal organization and syndecan receptors are required for internalization of the HIV-1 tat protein. The syndecan-1 : SDC1 protein functions as an integral membrane protein and participates in cell proliferation; cell migration and cell-matrix interactions via its receptor for extracellular matrix proteins. It is a useful marker for plasma cells; but only if the cells tested are already known to be derived from blood. |
| Usage                        | Research use only  |
| Conjugate                    | Biotinylated   |
| DIMA Disclaimer              | 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.   |

