

PRODUCT INFORMATION

|                              |                                                                                                                                                                                                                                                                                               |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clone ID                     | DM110                                                                                                                                                                                                                                                                                         |
| Target                       | B7-1                                                                                                                                                                                                                                                                                          |
| Synonyms                     | CD80;B7;B7-1;B7.1;BB1;CD28LG;CD28LG1;LAB7                                                                                                                                                                                                                                                     |
| Host Species                 | Rabbit                                                                                                                                                                                                                                                                                        |
| Description                  | Biotinylated Anti-B7-1 antibody(DM110); Rabbit mAb                                                                                                                                                                                                                                            |
| Delivery                     | 2-3 weeks                                                                                                                                                                                                                                                                                     |
| Uniprot ID                   | P33681                                                                                                                                                                                                                                                                                        |
| 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                   | The protein encoded by this gene is a membrane receptor that is activated by the binding of CD28 or CTLA-4. The activated protein induces T-cell proliferation and cytokine production. This protein can act as a receptor for adenovirus subgroup B and may play a role in lupus neuropathy. |
| 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.                        |

