

PRODUCT INFORMATION

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| Clone ID | DM53 |
| Target | B7-H3 |
| Synonyms | B7-H3; CD276; B7 homolog 3; B7H3 |
| Host Species | Rabbit |
| Description | Biotinylated Anti-B7-H3 antibody(DM53); Rabbit mAb |
| Delivery | 2-3 weeks |
| Uniprot ID | Q5ZPR3 |
| 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 belongs to the immunoglobulin superfamily; and thought to participate in the regulation of T-cell-mediated immune response. Studies show that while the transcript of this gene is ubiquitously expressed in normal tissues and solid tumors; the protein is preferentially expressed only in tumor tissues. Additionally; it was observed that the 3' UTR of this transcript contains a target site for miR29 microRNA; and there is an inverse correlation between the expression of this protein and miR29 levels; suggesting regulation of expression of this gene product by miR29. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. |
| Usage | Research use only |
| Conjugate | Biotinylated |



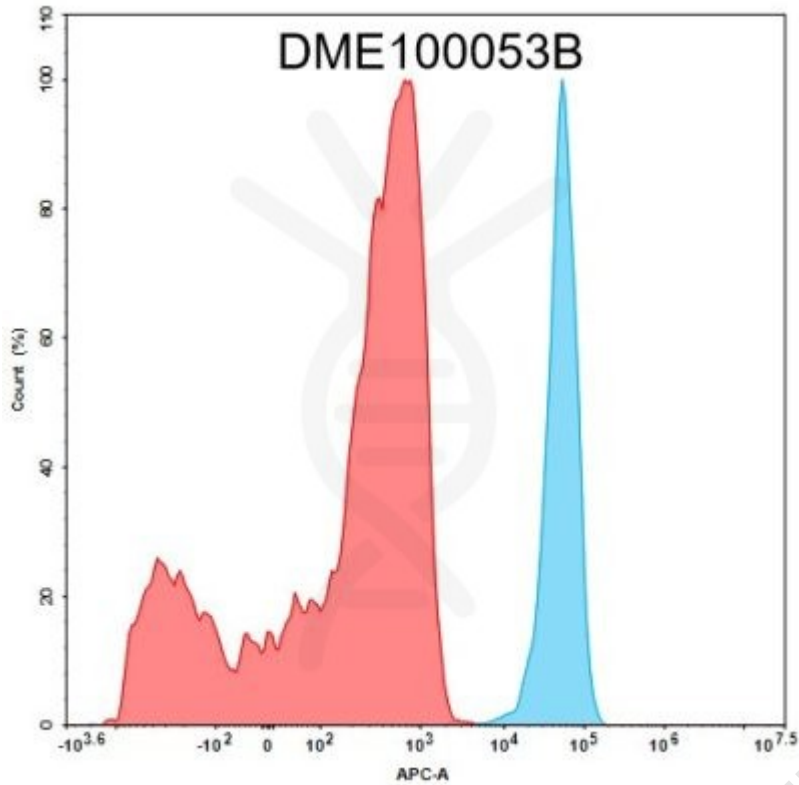


Figure 1. 1e5 of Expi 293 cell line were stained with 100 μ L of 1:1000 diluted Biotinylated Anti-B7-H3 antibody (DM53), Rabbit mAb (Blue histogram) or isotype control (Red histogram) respectively, washed and then stained with Streptavidin APC. The experimental samples were analyzed by flow cytometry.

