Product Description

BIOTINYLATED ANTI-B7-H3 (DM53) RABBIT MAB

Cat.#: 28352

Product Name: Biotinylated Anti-B7-H3(DM53) Rabbit Monoclonal Antibody

Synonyms: B7-H3; CD276; B7 homolog 3; B7H3

Description: Biotinylated Anti-B7-H3 antibody(DM53) Rabbit Monoclonal Antibody

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.

Applications: ELISA; Flow Cyt

Recommended Dilutions: ELISA 1:5000-10000; Flow Cyt 1:100

Host Species: Rabbit

Isotype: Rabbit IgG

Purification: Purified from cell culture supernatant by affinity chromatography

Species Reactivity: Human B7-H3

Constituents: Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.

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).

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS

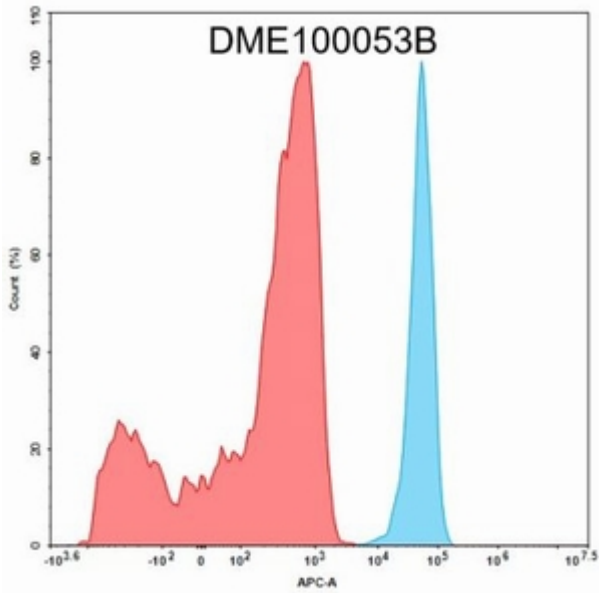

Figure 1. 1e5 of Expi 293 cell line were stained with 100 µl of 1:1000 diluted Biotinylated Anti-B7-H3 antibody (DM53), Rabbit mAb (Blue histogram) or isotype control (Red histogram) respectively, washed and then stained with Streptavidin APC. The experimental samples were analyzed by flow cytometry.

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