

Anti-B7-H3 Antibody-FITC (7G630)

Product Details

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| Ig Type: | Mouse IgG2b |
| Reactivity: | Human |
| Conjugation: | FITC |
| Clone: | 7G630 |
| Purification: | Protein A |

Applications

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| Verified Activity: | Flow cytometric analysis of anti-B7H3 (CD276) reactivity on PC-3 cells. |
| Application: | FCM |
| Recommended | 10 µl/Test, 0.1 mg/ml |

Properties

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| Stability & Storage: | Store at 2°C-8°C for 12 months, do not freeze. Keep away from direct sunlight. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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| Immunogen: | Recombinant Protein: Human B7-H3 / CD276 protein (TMPY-02031) |
| Antigen Species: | Human |
| Synonyms: | 4Ig-B7-H3;B7H3;B7RP-2;CD276 molecule;B7-H3 |
| Biology Area: | Cancer Drug Targets |

Research Background

B7-H3 is a member of the B7 family of immune regulatory ligands that is thought to attenuate peripheral immune responses through co-inhibition. It plays an important role in adaptive immune responses, and was shown to either promote or inhibit T-cell responses in various experimental systems. B7-H3 may play an important role in muscle-immune interactions, providing further evidence of the active role of muscle cells in local immunoregulatory processes. B7-H3 is a novel protein structurally related to the B7 family of ligands by the presence of a single set of immunoglobulin-V-like and immunoglobulin-C-like (VC) domains. Previous studies have correlated its overexpression with poor prognosis and decreased tumor-infiltrating lymphocytes in various carcinomas including uterine endometrioid carcinomas, and mounting evidence supports an immuno-inhibitory role in ovarian cancer prognosis. Recently, B7-H3 expression has been reported in several human cancers indicating an additional function of B7-H3 as a regulator of antitumor immunity.

Cancer Immunotherapy
 Co-inhibitory Immune Checkpoint Targets
 Immune Checkpoint
 Immune Checkpoint Detection: Antibodies
 Immune Checkpoint Detection: ELISA
 Antibodies
 Immune Checkpoint Detection: FCM
 Antibodies
 Immune Checkpoint Detection: ICC
 Antibodies
 Immune Checkpoint Detection: IP
 Antibodies
 Immune Checkpoint Detection: WB
 Antibodies
 Immune Checkpoint Targets
 Immunotherapy
 Targeted Therapy

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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