10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

B7-H3/CD276

Catalog # PVGS1761

Specification

B7-H3/CD276 - Product Information

Primary Accession Q5ZPR3-2

Species
Human

Sequence
Leu29-Pro245

Purity
> 95% as determined by Bis-Tris PAGE
 > 95% as determined by HPLC

Endotoxin Level
Less than 1EU per μg by the LAL method.

Biological Activity
Immobilized B7-H3/CD276 hFc Chimera, Human (Cat.No.: Z03881) at 2 μg/ml (100 μl/Well) on the plate can bind Biotinylated Anti-B7-H3 Antibody, hFc Tag.

Expression System
HEK293

Theoretical Molecular Weight
50.1 kDa

Formulation **Lyophilized from a 0.22 μm filtered solution in PBS, pH 7.4.**

Reconstitution
It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH₂O more than 100 μg/ml.

Storage & Stability
Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

B7-H3/CD276 - Additional Information

Target Background
B7-H3, a member of the B7 family of immunomodulatory molecules, is overexpressed in a wide range of solid cancers.B7-H3 binds to activated T cells via an as yet unidentified receptor. In assays using sub-optimal amount so anti-CD3 stimulation, 2Ig-B7-H3 enhances T cell proliferation, T cell interferon-gamma (IFN-gamma) production, and cytotoxic T cells induction.

B7-H3/CD276 - Protein Information

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B7-H3/CD276 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

B7-H3/CD276 - Images