10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# B7-H3/CD276

Catalog # PVGS1761

## Product Information

| | |
|---|---|
| **Primary Accession** | Q5ZPR3-2 |
| **Species** | Human |
| **Sequence** | Leu29-Pro245 |
| **Purity** | > 95% as determined by Bis-Tris PAGE<br>> 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 dd$H_2O$ 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. |

## 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. |

## Protein Information

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.