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

B7-H3 (4Ig) /B7-H3b

Catalog # PVGS1808

Specification

B7-H3 (4Ig) /B7-H3b - Product Information

Primary Accession Q5ZPR3-1

Species
Human

Sequence
Gly27-Thr461

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 (4Ig) /B7-H3b, His & Avi, Human (Cat.No.: Z03888) at 1.0 μg/ml (100 μl/Well) on the plate can bind Anti-B7-H3 Antibody, hFc Tag

Expression System
HEK293

Theoretical Molecular Weight
49.5 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 (4Ig) /B7-H3b - 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 (4Ig) /B7-H3b - Protein Information

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B7-H3 (4Ig) /B7-H3b - 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 (4Ig) /B7-H3b - Images