For Research Use Only

Anti-Human B7-H3/CD276 Rabbit Recombinant Antibody, PBS Only

Catalog Number:98017-1-PBS

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Basic Information

Catalog Number:
98017-1-PBS

Size:
1mg, 2 mg/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_001024736

GeneID (NCBI):
80381

UNIPROT ID:
Q5ZPR3

Full Name:
CD276 molecule

Calculated MW:
57 kDa

Purification Method:
Protein A purfication

CloneNo.:
230305A10

Applications

Tested Applications:
FC

Species Specificity:
human

Background Information

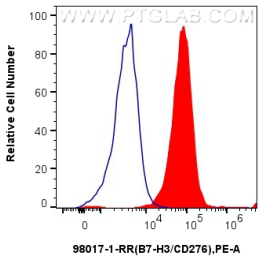
B7-H3 (CD276) is a type I transmembrane protein expressed on many tissues and cell types. B7-H3 is a 100-kDa glycoprotein that belongs to the B7 immunoregulatory family and participates in the regulation of T-cell-mediated immune response probably by functioning as both a T cell costimulator and coinhibitor (PMID: 25567370; 20696859). Overexpressed on a wide range of human solid cancers, B7-H3 has been implicated in cancer progression and metastasis and becomes an attractive target for cancer immunotherapy (PMID: 27208063).

Storage

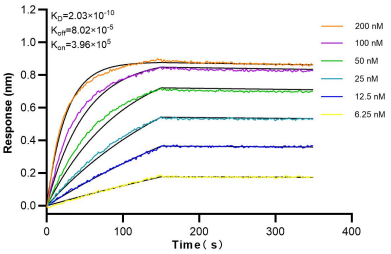
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



1x10^6 human monocyte-derived immature dendritic cells were surface stained with 0.25 ug Anti-Human B7-H3/CD276 Rabbit Recombinant Antibody (98017-1-RR, Clone: 230305A10) (red) or 0.25 ug Isotype Control(blue), and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed. This data was developed using the same antibody clone with 98017-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 98017-1-RR against Human B7-H3/CD276 were performed. The affinity constant is 0.203 nM.