

For Research Use Only

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

Catalog Number: 98017-1-PBS



## 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 purification

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.

Storage Buffer:

PBS Only

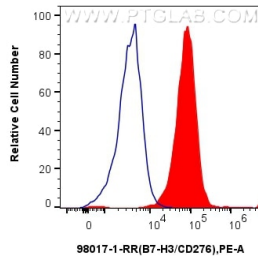
For technical support and original validation data for this product please contact:

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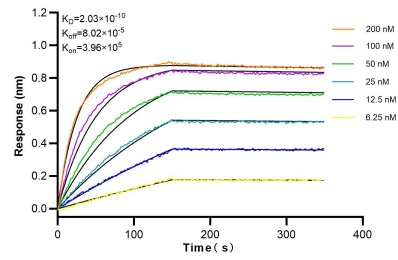
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



$1 \times 10^6$  human monocyte-derived immature dendritic cells were surface stained with 0.25  $\mu$ g Anti-Human B7-H3/CD276 Rabbit Recombinant Antibody (98017-1-RR, Clone: 230305A10) (red) or 0.25  $\mu$ g Isotype Control (blue) and PE-conjugated Goat Anti-Rabbit IgG(H+L). 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.