

For Research Use Only

Anti-Human B7-H3/CD276 Rabbit Recombinant Antibody

Catalog Number: 98017-1-RR



Basic Information

Catalog Number:

98017-1-RR

Size:

100ug, 1 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 2-8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide.

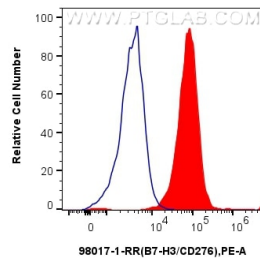
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

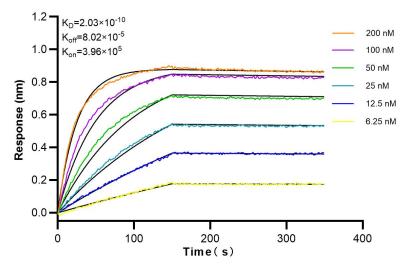
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1x10⁶ 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.



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