

For Research Use Only

# CoraLite® Plus 488 Anti-Human B7-H3/CD276 Rabbit Recombinant Antibody

Catalog Number: CL488-98017



## Basic Information

Catalog Number:

CL488-98017

Size:

100 tests, 5 µl/test

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

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

## 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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA.

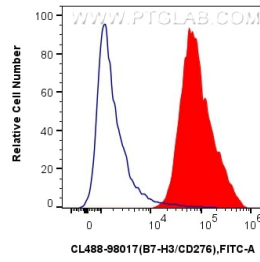
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1x10<sup>6</sup> human monocyte-derived immature dendritic cells were surface stained with 0.25 ug Coralite® Plus 488 B7-H3/Cd276 Recombinant Antibody (CL488-98017, Clone: 230305A10) (red), or 0.25 ug Coralite® Plus 488 Isotype Control (blue). Cells were not fixed.