

For Research Use Only

# CoraLite®594 Anti-Human B7-H3/CD276 Rabbit Recombinant Antibody

Catalog Number: CL594-98017



## Basic Information

Catalog Number:

CL594-98017

Size:

100tests , 5 ul/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:

588 nm / 604 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.

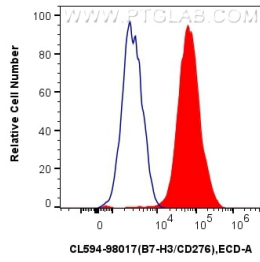
For technical support and original validation data for this product please contact:

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## Selected Validation Data



$1 \times 10^6$  human monocyte-derived immature dendritic cells were surface stained with 5  $\mu$ l CoraLite®594 Anti-Human B7-H3/CD276 Rabbit Recombinant Antibody (CL594-98017, Clone:230305A10) (red), or Isotype Control (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.