

For Research Use Only

FcZero-rAb® PE-CoraLite® Plus 594 Anti-Human B7-H3/CD276 Rabbit Recombinant Antibody

Catalog Number: PCL594-FcA98017



Basic Information

Catalog Number:
PCL594-FcA98017

Concentration:
100 tests, 5 ul/test

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG0075

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

Recommended Dilutions:
FC: 5 ul per 10⁶ cells in a 100 µl
suspension

Excitation/Emission maxima
wavelengths:
496 nm, 565 nm / 604 nm

Applications

Tested Applications:
FC

Species Specificity:
human

Positive Controls:

FC : human monocyte-derived immature dendritic
cells,

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, pH7.3

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

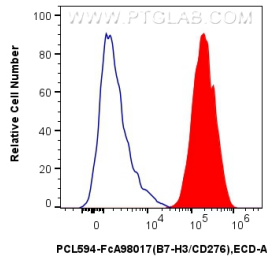
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human monocyte-derived immature dendritic cells were surface stained with 5 ul PE-CoraLite® Plus 594 Anti-Human B7-H3/CD276 Rabbit RecAb (PCL594-FcA98017, Clone: 230305A10) (red) or FcZero-rAb® PE-CoraLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (PCL594-FcA98136, Clone: 240953C9) (red). Cells were not fixed.