

For Research Use Only

FcZero-rAb® PE-Cyanine5.5 Anti-Human B7-H3/CD276 Rabbit Recombinant Antibody

Catalog Number: PY5P5-FcA98017



Basic Information

Catalog Number: PY5P5-FcA98017	GenBank Accession Number: NM_001024736	Purification Method: Protein A purification
Concentration: 100tests, 5 ul/test	GeneID (NCBI): 80381	CloneNo.: 230305A10
Source: Rabbit	UNIPROT ID: Q5ZPR3	Recommended Dilutions: FC: 5 ul per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: CD276 molecule	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 692 nm
Immunogen Catalog Number: EG0075	Calculated MW: 57 kDa	

Applications

Tested Applications: FC	Positive Controls: FC : human monocyte-derived immature dendritic cells,
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, pH7.3

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

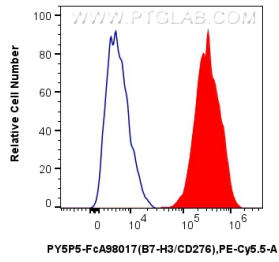
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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 μ l PE-Cyanine5.5 Anti-Human B7-H3/CD276 Rabbit RecAb (PY5P5-FcA98017, Clone: 230305A10) (red) or FcZero-rAb@ PE-Cyanine5.5 Rabbit IgG Isotype Control Recombinant Antibody (PY5P5-FcA98136, Clone: 240953C9) (blue). Cells were incubated with MonoZero™ Human/Mouse 3-in-1 Blocking Reagent (PF00029) prior to staining. Cells were not fixed.