

For Research Use Only

# FcZero-rAb™ APC-Cyanine7 Anti-Human B7-H3/CD276 Rabbit Recombinant Antibody

Catalog Number: AY7-FcA98017



## Basic Information

Catalog Number:	AY7-FcA98017	GenBank Accession Number:	NM_001024736	Purification Method:	Protein A purification
Size:	100tests, 5 ul/test	GenID (NCBI):	80381	CloneNo.:	230305A10
Source:	Rabbit	UNIPROT ID:	Q5ZPR3	Recommended Dilutions:	FC: 5 ul per 10 <sup>6</sup> cells in a 100 µl suspension
Isotype:	IgG	Full Name:	CD276 molecule	Excitation/Emission maxima wavelengths:	650 nm / 778 nm
Immunogen Catalog Number:	EG0075	Calculated MW:	57 kDa		

## Applications

Tested Applications:	FC	Positive Controls:
Species Specificity:	human	FC : Human immature monocyte-derived 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).

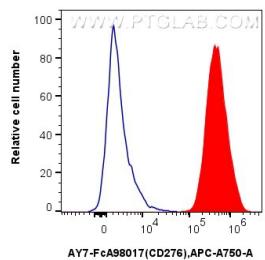
## Storage

**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:  
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



$1 \times 10^6$  Human immature monocyte-derived dendritic cells were surface stained with 5  $\mu$ l APC-Cyanine7 Anti-Human B7-H3/CD276 Rabbit RecAb (AY7-FcA98017, Clone:230305A10) (red), or 5  $\mu$ l FcZero-rAb™ APC-Cyanine7 Rabbit IgG Isotype Control Recombinant Antibody (AY7-FcA98136, Clone: 240953C9) (blue). Cells were incubated with MonoZero™ Monocytes blocking Reagent(PF00020) prior to staining. Cells were not fixed.