

For Research Use Only

# FcZero-rAb™ PE-Cyanine7 Anti-Human CD73 (AD2) Rabbit IgG Recombinant Antibody

Catalog Number: PY7-FcA65564



## Basic Information

Catalog Number:

PY7-FcA65564

Concentration:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC015940

GeneID (NCBI):

4907

Full Name:

5'-nucleotidase, ecto (CD73)

Calculated MW:

29 kDa, 63 kDa

Purification Method:

Protein A purification

CloneNo.:

AD2

Recommended Dilutions:

FC: 5 µl per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

450-500 nm / 778 nm

## Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

## Background Information

CD73, also known as ecto-5'-nucleotidase (5'-NT), is a 70-kDa, glycosyl-phosphatidylinositol-linked membrane-bound glycoprotein found in most tissues (PMID: 18404475; 20179192). CD73 is an ectoenzyme that catalyzes the dephosphorylation of AMP and other nucleoside monophosphates (PMID: 9553767). In the human immune system, CD73 is expressed on subsets of T and B cells, on germinal center follicular dendritic cells, and on thymic medullary reticular fibroblasts and epithelial cells (PMID: 2137649; 9553767). CD73 is highly expressed in many human solid tumors and is closely involved in cancer progression (PMID: 20179192).

## 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:

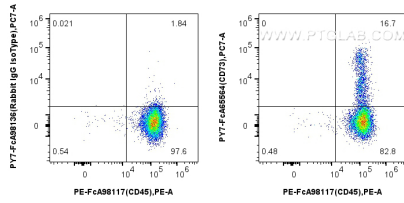
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W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with FcZero-rAb™ PE Anti-Human CD45 (PE-FcA98117, Clone: 241670E10), and 5 ul PE-Cyanine7 Anti-Human CD73 (AD2) Rabbit IgG RecAb (PY7-FcA65564, Clone: AD2) or Rabbit IgG Isotype Control RecAb (PY7-FcA98136, Clone: 240953C9). Cells were not fixed.