

For Research Use Only

# FcZero-rAb® PE-CoraLite® Plus 594 Anti-Human CD73 (AD2) Rabbit Recombinant Antibody

Catalog Number: PCL594-FcA65564



## Basic Information

**Catalog Number:**  
PCL594-FcA65564

**Size:**  
100 tests, 5 ul/test

**Source:**  
Rabbit

**Isotype:**  
IgG

**GenBank Accession Number:**  
BC015940

**GeneID (NCBI):**  
4907

**UNIPROT ID:**  
P21589

**Full Name:**  
5'-nucleotidase, ecto (CD73)

**Calculated MW:**  
29 kDa, 63 kDa

**Purification Method:**  
Protein A purification

**CloneNo.:**  
AD2

**Recommended Dilutions:**  
FC: 5 ul per 10<sup>6</sup> 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 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

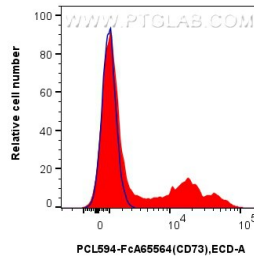
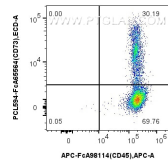
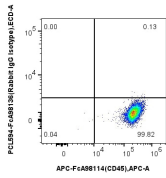
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with FcZero-rAb@ APC Anti-Human CD45, and 5 ul PE-CoraLite® Plus 594 Anti-Human CD73 (AD2) Rabbit RecAb (PCL594-FcA65564, Clone: AD2) or FcZero-rAb@ PE-CoraLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (PCL594-FcA98136, Clone: 240953C9). Cells were not fixed.

1x10<sup>6</sup> human PBMCs were surface stained with 5 ul PE-CoraLite® Plus 594 Anti-Human CD73 (AD2) Rabbit RecAb (PCL594-FcA65564, Clone: AD2) (red) or FcZero-rAb@ PE-CoraLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (PCL594-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.