

For Research Use Only



# Anti-Human CD73 (AD2) Rabbit Recombinant Antibody

Catalog Number: 65500-1-RR

## Basic Information

<b>Catalog Number:</b> 65500-1-RR	<b>GenBank Accession Number:</b> BC015940	<b>Purification Method:</b> Affinity purification
<b>Size:</b> 100ug, 0.5 mg/mL	<b>GeneID (NCBI):</b> 4907	<b>CloneNo.:</b> AD2
<b>Source:</b> Rabbit	<b>Full Name:</b> 5'-nucleotidase, ecto (CD73)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 29 kDa, 63 kDa	

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
Human

## 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. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide.

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

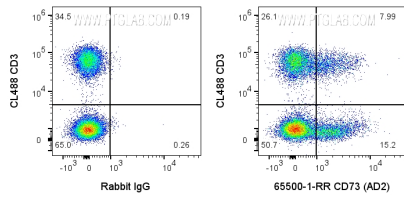
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

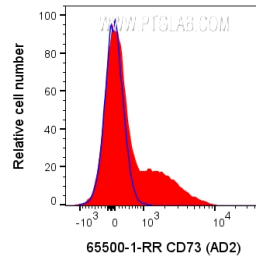
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## Selected Validation Data



1X10<sup>6</sup> human PBMCs were surface stained with CL488 Anti-Human CD3 and 0.4 ug Anti-Human CD73 Rabbit Recombinant Antibody (65500-1-RR, Clone:AD2) or Rabbit IgG control PolyAb. Unconjugated antibodies were labeled with FlexAble CL750 Antibody Labeling Kit for Rabbit IgG (KFA004) prior to staining. Cells were not fixed. Lymphocytes were gated.



1X10<sup>6</sup> human PBMCs were surface stained with 0.4 ug Anti-Human CD73 Rabbit Recombinant Antibody (65500-1-RR, Clone:AD2) or Rabbit IgG control PolyAb. Unconjugated antibodies were labeled with FlexAble CL750 Antibody Labeling Kit for Rabbit IgG (KFA004) prior to staining. Cells were not fixed. Lymphocytes were gated.