

For Research Use Only



# Anti-Human CD73 (AD2) Rabbit Recombinant Antibody, PBS only

Catalog Number: 65500-1-PBS

## Basic Information

Catalog Number:	65500-1-PBS	GenBank Accession Number:	BC015940	Purification Method:	Affinity purification
Size:	1mg, 1 mg/mL	GeneID (NCBI):	4907	CloneNo.:	AD2
Source:	Rabbit	Full Name:	5'-nucleotidase, ecto (CD73)		
Isotype:	IgG	Calculated MW:	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 -80°C. Stable for one year after shipment.  
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C  
Storage Buffer:  
PBS only

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

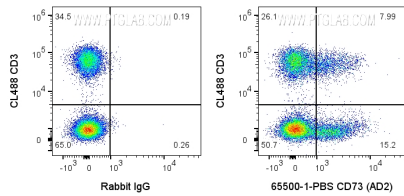
T: 4006900926

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

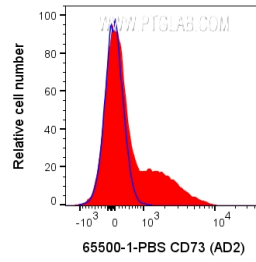
W: [ptgcn.com](http://ptgcn.com)

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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-PBS, Clone:AD2) labeled with FlexAble CL750 Antibody Labeling Kit for Rabbit IgG (KFA004), or Rabbit IgG control labeled with FlexAble CL750 Antibody Labeling Kit for Rabbit IgG (KFA004). 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-PBS, Clone:AD2) labeled with FlexAble CL750 Antibody Labeling Kit for Rabbit IgG (KFA004), or Rabbit IgG control labeled with FlexAble CL750 Antibody Labeling Kit for Rabbit IgG (KFA004). Cells were not fixed. Lymphocytes were gated.