

For Research Use Only

Anti-Human CD73 (AD2) Rabbit Recombinant Antibody



Catalog Number: 65500-1-RR

Basic Information

Catalog Number: 65500-1-RR	GenBank Accession Number: BC015940	Purification Method: Affinity purification
Size: 100ug, 0.5 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 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:

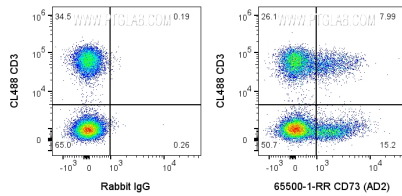
T: 4006900926

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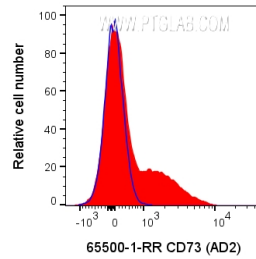
W: ptgcn.com

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Selected Validation Data



1X10⁶ 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.



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