

For Research Use Only

Anti-Human CD73 Rabbit Recombinant Antibody

Catalog Number: 98566-1-RR



Basic Information

Catalog Number: 98566-1-RR	GenBank Accession Number: NM_002526.3	Purification Method: Protein A purification
Size: 100ug , 1000 µg/ml	GeneID (NCBI): 4907	CloneNo.: 251250H3
Source: Rabbit	UNIPROT ID: P21589-1	Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: 5'-nucleotidase, ecto (CD73)	
Immunogen Catalog Number: EG2974	Calculated MW: 63 kDa	

Applications

Tested Applications: FC	Positive Controls: FC : human PBMCs,
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).

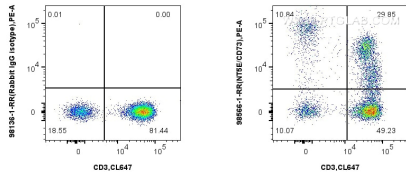
Storage

Storage:
Store at 2 - 8°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

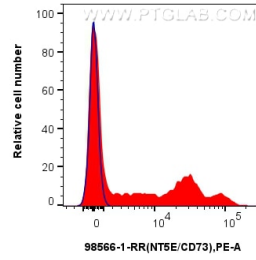
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD73 Rabbit RecAb (98566-1-RR, Clone:251250H3) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE-conjugated Goat Anti-Rabbit IgG. Cells were then stained with CoraLite® Plus 647 Anti-Human CD3 (OKT3) Mouse IgG2a Recombinant Antibody (CL647-65569, Clone: OKT3). Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD73 Rabbit RecAb (98566-1-RR, Clone: 251250H3) (red) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed.