

For Research Use Only

Anti-Human CD73 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98566-1-PBS



Basic Information

Catalog Number:

98566-1-PBS

Size:

1mg, 3 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2974

GenBank Accession Number:

NM_002526.3

GeneID (NCBI):

4907

UNIPROT ID:

P21589-1

Full Name:

5'-nucleotidase, ecto (CD73)

Calculated MW:

63 kDa

Purification Method:

Protein A purification

CloneNo.:

251250H3

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.

Storage Buffer:

PBS only, pH7.3

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

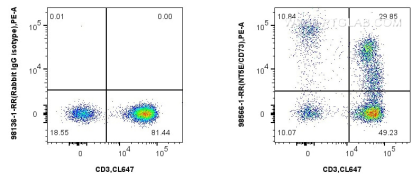
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

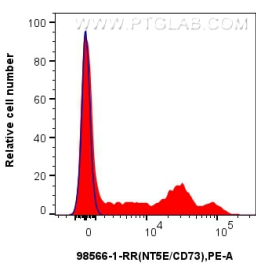
W: ptglab.com

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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. This data was developed using the same antibody clone with 98566-1-PBS in a



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. This data was developed using the same antibody clone with 98566-1-PBS in a different storage buffer formulation.