

For Research Use Only

FITC Plus Anti-Human CD73 (AD2) Rabbit Recombinant Antibody



Catalog Number: FITC-65500

Basic Information

Catalog Number:

FITC-65500

Size:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC015940

GeneID (NCBI):

4907

Full Name:

5'-nucleotidase, ecto (CD73)

Calculated MW:

29 kDa, 63 kDa

Purification Method:

Affinity purification

CloneNo.:

AD2

Excitation/Emission maxima
wavelengths:

495 nm / 524 nm

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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA.

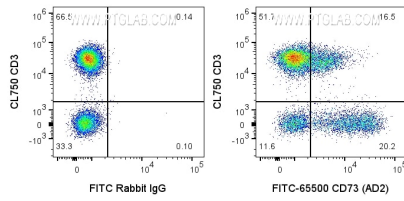
For technical support and original validation data for this product please contact:

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

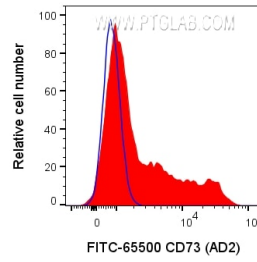
E: proteintech@ptglab.com
W: ptglab.com

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 CL750 Anti-Human CD3 and 5 ul FITC Plus Anti-Human CD73 Rabbit Recombinant Antibody (FITC-65500, Clone:AD2) or FITC-conjugated Rabbit IgG control PolyAb (FITC-30000). Cells were not fixed. Lymphocytes were gated.



1x10⁶ human PBMCs were surface stained with 5 ul FITC Plus Anti-Human CD73 Rabbit Recombinant Antibody (FITC-65500, Clone:AD2) or FITC-conjugated Rabbit IgG control PolyAb (FITC-30000). Cells were not fixed. Lymphocytes were gated.