

For Research Use Only

CoraLite® Plus 488 Anti-Human CD73 (AD2)



Catalog Number: **CL488-65162**

Basic Information

Catalog Number:

CL488-65162

Size:

100 tests, 5 µl / test

Source:

Mouse

Isotype:

IgG1, kappa

GenBank Accession Number:

BC015940

GeneID (NCBI):

4907

UNIPROT ID:

P21589

Full Name:

5'-nucleotidase, ecto (CD73)

Calculated MW:

29 kDa, 63 kDa

Purification Method:

Protein G purification

CloneNo.:

AD2

Excitation/Emission maxima wavelengths:

493 nm / 522 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 0.1% sodium azide and 0.5% BSA, pH 7.3.

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

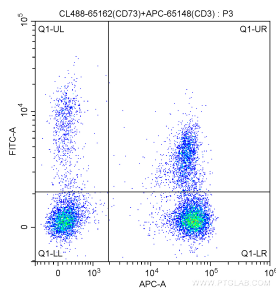
T: 4006900926

E: Proteintech-CN@ptglab.com

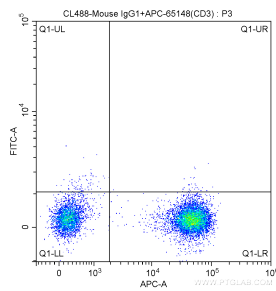
W: ptgcn.com

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Selected Validation Data



1X10⁶ human peripheral blood lymphocytes were surface stained with APC-Anti-Human CD3 (APC-65148, Clone: SK7) and 5 ul CoraLite® Plus 488-conjugated Anti-Human CD73 (CL488-65162, Clone: AD2). Cells were not fixed.



1X10⁶ human peripheral blood lymphocytes were surface stained with APC-Anti-Human CD3 (APC-65148, Clone: SK7) and CoraLite® Plus 488-conjugated mouse IgG1 isotype control antibody. Cells were not fixed.