

For Research Use Only

CoraLite® Plus 488 Anti-Human CD73 (AD2) Mouse IgG2a Recombinant Antibody



Catalog Number: **CL488-65564**

Basic Information

| | | |
|---------------------------------------|---|---|
| Catalog Number: CL488-65564 | GenBank Accession Number: BC015940 | Purification Method: Protein A purification |
| Size: 100tests, 5 µl/test | GeneID (NCBI): 4907 | CloneNo.: AD2 |
| Source: Mouse | UNIPROT ID: P21589 | Excitation/Emission maxima wavelengths: 493 nm / 522 nm |
| Isotype: IgG2a | Full Name: 5'-nucleotidase, ecto (CD73) | |
| | 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 and 0.5% BSA.

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

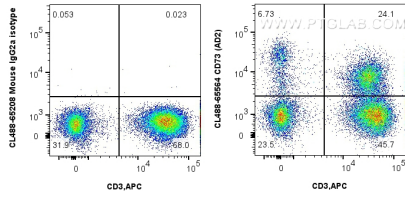
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human PBMCs were surface stained with APC Anti-Human CD3 and 5 ul CoraLite® Plus 488 Anti-Human CD73 Mouse Recombinant Antibody (CL488-65564, Clone:AD2), or CoraLite® Plus 488 Mouse IgG2a Isotype Control (CL488-65208, Clone: C1.18.4). Cells were not fixed. Lymphocytes were gated.