

For Research Use Only

Anti-Human CD73 (AD2) Mouse IgG2a Recombinant Antibody, PBS Only



Catalog Number: **65564-1-PBS**

Basic Information

| | | |
|---------------------------------------|---|---|
| Catalog Number: 65564-1-PBS | GenBank Accession Number: BC015940 | Purification Method: Protein A purification |
| Size: 1mg, 2 mg/ml | GeneID (NCBI): 4907 | CloneNo.: AD2 |
| Source: Mouse | UNIPROT ID: P21589 | |
| 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 -80°C. Stable for one year after shipment.

Storage Buffer:
PBS Only

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

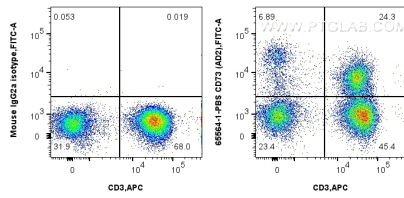
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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.5 ug Anti-Human CD73 Mouse Recombinant Antibody, PBS Only (65564-1-PBS, Clone:AD2) or 0.5 ug Mouse IgG2a Isotype Control (65208-1-Ig, Clone: C.1.18.4) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). Cells were then stained with APC Anti-Human CD3. Cells were not fixed. Lymphocytes were gated.