

For Research Use Only

# Anti-Human CD73 (AD2) Mouse IgG1 Recombinant Antibody



Catalog Number: 65531-1-MR

## Basic Information

<b>Catalog Number:</b> 65531-1-MR	<b>GenBank Accession Number:</b> BC015940	<b>Purification Method:</b> Affinity purification
<b>Size:</b> 100ug, 1 mg/mL	<b>GeneID (NCBI):</b> 4907	<b>CloneNo.:</b> AD2
<b>Source:</b> Mouse	<b>Full Name:</b> 5'-nucleotidase, ecto (CD73)	
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 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.

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

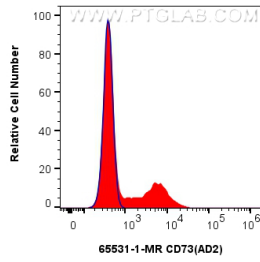
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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD73 (65531-1-MR, Clone:AD2) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1)(red), or 0.25 ug Mouse IgG1 Isotype Control (MOPC-21) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1) (65124-1-Ig, Clone: MOPC-21) (blue). Cells were not fixed.