

For Research Use Only

Anti-Human CD73 (AD2) Mouse IgG1 Recombinant Antibody



Catalog Number: 65531-1-MR

Basic Information

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

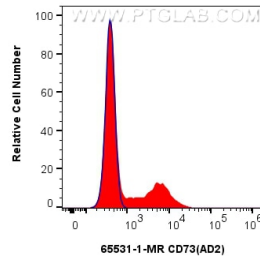
Storage

Storage:
Store at 2-8°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide.

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)
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Selected Validation Data



1x10⁶ 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.