

For Research Use Only

Anti-Human CD73 (AD2)

Catalog Number: 65162-1-Ig **2 Publications**



Basic Information

| | | |
|--------------------------------------|---|---|
| Catalog Number: 65162-1-Ig | GenBank Accession Number: BC015940 | Purification Method: Protein A purification |
| Size: 100ug, 0.5 mg/ml | GeneID (NCBI): 4907 | CloneNo.: AD2 |
| Source: Mouse | UNIPROT ID: P21589 | |
| Isotype: IgG1, kappa | Full Name: 5'-nucleotidase, ecto (CD73) | |
| | Calculated MW: 29 kDa, 63 kDa | |

Applications

Tested Applications:
FC

Cited Applications:
FC

Species Specificity:
Human

Cited Species:
human, mouse

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).

Notable Publications

| Author | Pubmed ID | Journal | Application |
|------------|-----------|--------------|-------------|
| Junjie Liu | 34707701 | Exp Ther Med | FC |
| Baihe Han | 35968497 | Dis Markers | FC |

Storage

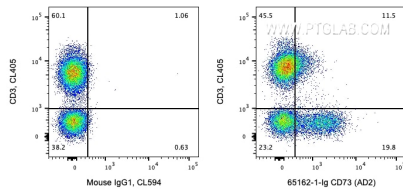
Storage:
Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

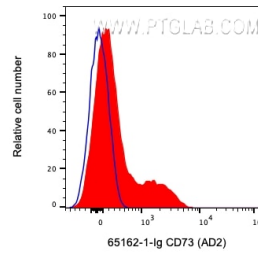
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1X10⁶ human PBMCs were surface co-stained with CL405 Anti-Human CD3 and 0.5 ug Anti-Human CD73 (65162-1-Ig, Clone:AD2) and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 or Isotype Control. Cells were not fixed. Lymphocytes were gated.



1X10⁶ human PBMCs were surface stained with 0.5 ug Anti-Human CD73 (65162-1-Ig, Clone:AD2) and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red) or Isotype Control. Cells were not fixed. Lymphocytes were gated.