

For Research Use Only

Anti-Human CD73 (AD2)

Catalog Number: 65162-1-Ig



Basic Information

Catalog Number:

65162-1-Ig

Size:

100ug, 1 mg/ml

Source:

Mouse

Isotype:

Mouse IgG1 kappa

GenBank Accession Number:

BC015940

GeneID (NCBI):

4907

Full Name:

5'-nucleotidase, ecto (CD73)

Calculated MW:

29 kDa, 63 kDa

Purification Method:

Protein G purification

CloneNo.:

AD2

Applications

Tested Applications:

FC, ELISA

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 ecto-enzyme which 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 is closely involved in cancer progression (PMID: 20179192).

Storage

Storage:

Store at 2-8°C.

Storage Buffer:

PBS with 0.1% sodium azide.

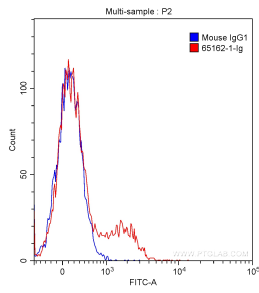
For technical support and original validation data for this product please contact:

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Selected Validation Data



1X10⁶ human peripheral blood lymphocytes were surface stained with 0.5 ug Anti-Human CD73 (65162-1-Ig, Clone: AD2) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution of 1:1000 (red), or with 0.5 ug mouse IgG1 isotype control antibody and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution of 1:1000 (blue). Samples were not fixed.