

FITC Anti-Human CD73 Antibody[AD2]

Catalog Number: E-AB-F1242C

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

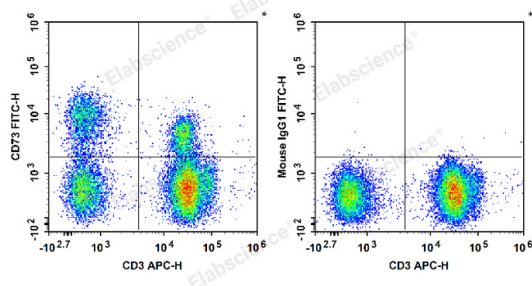
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|--------------------------------|--|
| Reactivity | Human |
| Host | Mouse |
| Isotype | Mouse IgG1, κ |
| Clone No. | AD2 |
| Isotype Control | FITC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792C] |
| Conjugation | FITC |
| Conjugation Information | FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 530 nm (e.g., a 525/40 nm bandpass filter). |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant. |

Applications

Recommended usage

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| FCM | Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. |
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Data



Human peripheral blood lymphocytes are stained with APC Anti-Human CD3 Antibody and FITC Anti-Human CD73 Antibody (Left). Lymphocytes are stained with APC Anti-Human CD3 Antibody and FITC Mouse IgG1, κ Isotype Control (Right).

Preparation & Storage

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| Storage | Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze. |
| Shipping | Ice bag |

Antigen Information

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|------------------------|---|
| Alternate Names | 5'-NTE.C3.1.3.5L-VAP-2NT5E;Ecto-5'-nucleotidase |
| Uniprot ID | P21589 |

For Research Use Only

Gene ID

4907

Background

CD73 is a 70 kD glycoposphatidylinositol (GPI)-linked 5'-nucleotidase, which is also known as ecto-5'-nucleotidase. It converts adenosine monophosphate (AMP) to adenosine. CD73 is expressed on subsets of T and B cells, mesenchymal stem cells, follicular dendritic cells, endothelial cells, and epithelial cells. It has been reported that CD73 costimulates T cell activation, and mediates adhesion of lymphocytes to follicular dendritic cells and endothelial cells.

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