

## Elab Fluor® 488 Anti-Human CD73 Antibody[AD2]

Catalog Number: GFH1242L

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

### Description

|                         |                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                               |
| Host                    | Mouse                                                                                                                                                               |
| Isotype                 | Mouse IgG1, κ                                                                                                                                                       |
| Clone No.               | AD2                                                                                                                                                                 |
| Isotype Control         | Elab Fluor® 488 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792L]                                                                                       |
| Conjugation             | Elab Fluor® 488                                                                                                                                                     |
| Conjugation Information | Elab Fluor® 488 is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 520 nm (e.g., a 525/40 nm bandpass filter). |
| Storage Buffer          | Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.                                                                                                 |

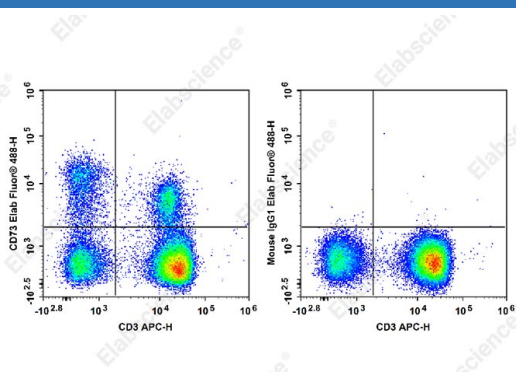
### Applications

### Recommended usage

#### 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.

### Data



Human peripheral blood lymphocytes are stained with APC

Anti-Human CD3 Antibody and Elab Fluor® 488 Anti-Human CD73 Antibody[AD2] (Left). Lymphocytes are stained with

APC Anti-Human CD3 Antibody and Elab Fluor® 488 Mouse IgG1, κ Isotype Control (Right).

### Preparation & Storage

|          |                                                                                                                                                           |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage  | Keep as concentrated solution.<br>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

|                 |                                                 |
|-----------------|-------------------------------------------------|
| Alternate Names | 5'-NTE.C3.1.3.5L-VAP-2NT5E;Ecto-5'-nucleotidase |
| Uniprot ID      | P21589                                          |
| Gene ID         | 4907                                            |

### For Research Use Only

## 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.