

## APC Anti-Mouse CD73 Antibody[TY/23]

**Catalog Number:** GFH1089UE

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

### Description

|                                |                                                                                                                                                            |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>              | Mouse                                                                                                                                                      |
| <b>Host</b>                    | Rat                                                                                                                                                        |
| <b>Isotype</b>                 | Rat IgG2a, $\kappa$                                                                                                                                        |
| <b>Clone No.</b>               | TY/23                                                                                                                                                      |
| <b>Isotype Control</b>         | APC Rat IgG2a, $\kappa$ Isotype Control[2A3] [Product E-AB-F09833E]                                                                                        |
| <b>Conjugation</b>             | APC                                                                                                                                                        |
| <b>Conjugation Information</b> | APC is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter). |
| <b>Storage Buffer</b>          | Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.                                                                                        |

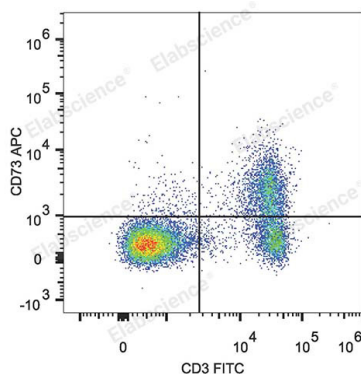
### Applications

### Recommended usage

#### FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1  $\mu\text{g}/10^6$  cells in 100  $\mu\text{L}$  volume].

### Data



C57BL/6 murine splenocytes are stained with APC Anti-Mouse CD73 Antibody and FITC Anti-Mouse CD3 Antibody.

### Preparation & Storage

|                 |                                                                                                                                                           |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>  | 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. |
| <b>Shipping</b> | Ice bag                                                                                                                                                   |

### Antigen Information

|                        |                                                                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Alternate Names</b> | Nt5;5'-NT;5'-nucleotidase;CD73;Ecto-5'-nucleotidase;Nt5;Nt5e                                                                                                                                          |
| <b>Gene ID</b>         | 23959                                                                                                                                                                                                 |
| <b>Background</b>      | CD73 (ecto-5'-nucleotidase) is a 69 kD GPI-anchored surface protein. In mice, expression of CD73 in bone marrow is restricted to CD11b+ myeloid cells. In spleen, it is largely expressed on T cells. |

### For Research Use Only