FITC Anti-Mouse CD73 Antibody[TY/23]

Catalog Number: E-AB-F1089UC

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

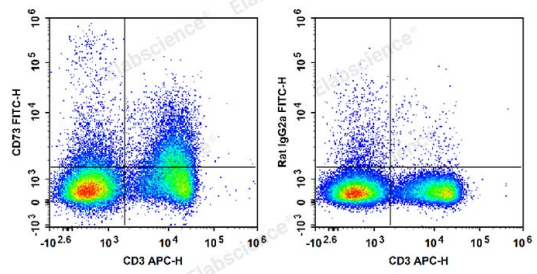
Description

Reactivity	Mouse
Host	Rat
Isotype	Rat IgG2a, κ
Clone No.	TY/23
Isotype Control	FITC Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09833C]
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.

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 μg/10^6 cells in 100 μL volume].

Data



C57BL/6 murine splenocytes are stained with APC Anti-Mouse CD3 Antibody and FITC Anti-Mouse CD73 Antibody (Left). Splenocytes are stained with APC Anti-Mouse CD3 Antibody and FITC Rat IgG2a, κ Isotype Control (Right).

Preparation & Storage

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

Alternate Names	Nte;5'-NT;5'-nucleotidase;CD73;Ecto-5'-nucleotidase;Nt5;Nt5e
Uniprot ID	Q61503
Gene ID	23959

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Background

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.