

**PE/Dazzle™ 594 anti-mouse CD73**

**Catalog # / Size:** 1236170 / 100 µg  
1236165 / 25 µg

**Clone:** TY/11.8

**Isotype:** Rat IgG1, κ

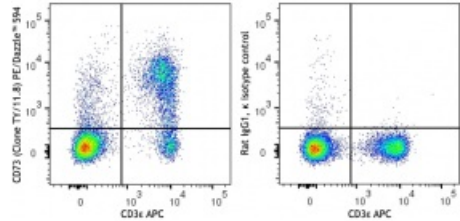
**Immunogen:** CHO cells transfected with mouse CD73

**Reactivity:** Mouse

**Preparation:** The antibody was purified by affinity chromatography and conjugated with PE/Dazzle™ 594 under optimal conditions. The solution is free of unconjugated PE/Dazzle™ 594 and unconjugated antibody.

**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

**Concentration:** 0.2 mg/ml



C57BL/6 mouse splenocytes were first treated with TruStain FcX™ (anti-mouse CD16/32) antibody and True-Stain Monocyte Blocker™. Cells were then stained with CD3ε APC and CD73 (clone TY/11.8) PE/Dazzle™ 594 (left) or rat IgG1, κ PE/Dazzle™ 594 isotype control (right).

**Applications:**

**Applications:** Flow Cytometry

**Recommended Usage:** Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤0.25 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

\* PE/Dazzle™ 594 has a maximum excitation of 566 nm and a maximum emission of 610 nm.

**Application Notes:** Additional reported applications (for the relevant formats) include: immunohistochemistry of acetone-fixed frozen tissue sections.

**Application References:** 1. Yamashita Y, *et al* 1998. *Eur. J. Immunol.* 28:2981.  
2. Bentley JK, *et al.* 2010. *Respir. Res.* 11:127. (IHC-P)

**Description:** CD73 (ecto-5'-nucleotidase) is a 69 kD GPI-anchored surface protein. In mice, expression of CD73 in bone marrow is restricted to CD11b<sup>+</sup> myeloid cells. In spleen, it is largely expressed on T cells.

**Antigen References:** 1. Yamashita Y, *et al* 1998. *Eur. J. Immunol.* 28:2981.  
2. Resta R, *et al.* 1998. *Immunol. Rev.* 161:95.