SONY

# Product Data Sheet

## APC/Fire™ 750 anti-mouse CD73

**Catalog # / Size:** 1236105 / 25 µg
1236110 / 100 µg

**Clone:** TY/11.8

**Isotype:** Rat IgG1, κ

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

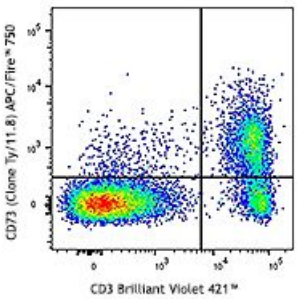
**Reactivity:** Mouse

**Preparation:** The antibody was purified by affinity chromatography and conjugated with APC/Fire™ 750 under optimal conditions.

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

**Workshop Number:** 750 under optimal conditions.

**Concentration:** 0.2



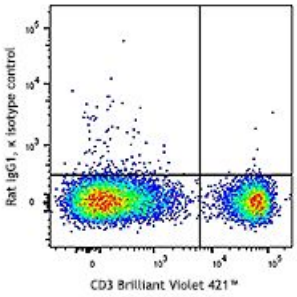

Mouse splenocytes stained with Brilliant Violet 421™ CD3 and CD73 (clone Ty/11.8) APC/Fire™ 750 (top) or Rat IgG1, κ APC/Fire™ 750 (bottom).

## 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.

* APC/Fire™ 750 has a maximum excitation of 650 nm and a maximum emission of 787 nm.




Mouse splenocytes stained with FITC CD3 and CD73 (clone Ty/11.8) Brilliant Violet 421™ (top) or Rat IgG1, κ Brilliant Violet 421™ control (bottom).

**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 $CD11b^+$ 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.



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