

Alexa Fluor® 647 anti-mouse CD73

Catalog # / Size: 1236040 / 100 µg
1236035 / 25 µg

Clone: TY/11.8

Isotype: Rat IgG1, κ

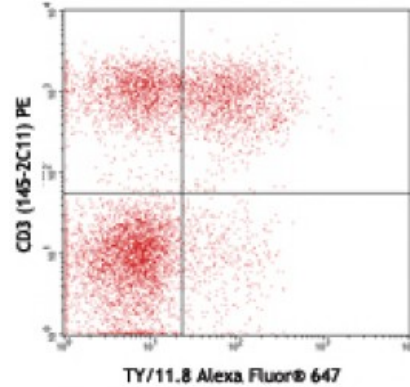
Immunogen: CHO cells transfected with mouse CD73

Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography, and conjugated with Alexa Fluor® 647 under optimal conditions.

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

Concentration: 0.5



BALB/c mouse splenocytes stained with TY/11.8 Alexa Fluor® 647 and CD3 (145-2C11) PE

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 microg per 10⁶ cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.

* Alexa Fluor® 647 has a maximum emission of 668 nm when it is excited at 633nm / 635nm.

Application References:

1. Yamshita Y, *et al* 1998. *Eur. J. Immunol.* 28:2981.
2. Bentley JK, *et al.* 2010. *Respir. Res.* 11:127. (IHC-paraffin)
3. Kaku H, *et al.* 2014. *J Immunol.* 193:5904. [PubMed](#)

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.