

APC anti-mouse CD79a (Ig α)

Catalog # / Size: 133105 / 25 μ g
133106 / 100 μ g

Clone: F11-172

Isotype: Armenian Hamster IgG1

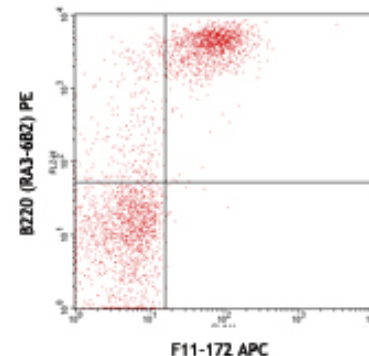
Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography, and conjugated with APC under optimal conditions. The solution is free of unconjugated APC and unconjugated antibody.

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

Concentration: 0.2 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



C57BL/6 splenocytes stained with B220 (RA3-6B2) PE and F11-172 APC

Applications:

Applications: ICFC - Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by intracellular immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is $\leq 1.0 \mu$ g per 10^6 cells in 100 μ l volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Kraus M, *et al.* 2001. *J. Exp. Med.* 194:455

Description: Mouse CD79a (Ig α chain) is a 47 kD type I integral membrane protein, known as mb-1 or Ig α . It forms a heterodimer with CD79b (Ig β chain). The CD79a and CD79b heterodimers are associated with surface IgM to form the B-cell receptor (BCR) that is necessary for signal transduction via the BCR in mature B cells. CD79a may play a role in mediating the transport of IgM to the cell surface. Clone F11-172 antibody recognizes the 47 kD membrane glycoprotein present on B lymphocytes.

Antigen References: 1. Schamel W, *et al.* 2000. *Immunity* 13:5
2. Taddie JA, *et al.* 1994. *J. Biol. Chem.* 269:13529

Related Products: Product

APC Armenian Hamster IgG Isotype Ctrl
Cell Staining Buffer
RBC Lysis Buffer (10X)
TruStain fcX™ (anti-mouse CD16/32)
Fixation Buffer
Permeabilization Wash Buffer (10X)

Clone
HTK888

93

Application
FC, ICFC
FC, ICC, ICFC
FC, ICFC
FC
ICC, ICFC
ICC, ICFC, IHC



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