

Product Data Sheet

Purified anti-mouse CD79a (Igα)

Catalog # / Size: 133102 / 500 µg

Clone: F11-172

Isotype: Armenian Hamster IgG1

Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography.

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

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C.

Applications:

Applications: ICFC - *Quality tested*
IP - *Reported in the literature*

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 ≤0.25 µg per million cells in 100 µl 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
Purified Armenian Hamster IgG Isotype Ctrl
Cell Staining Buffer
RBC Lysis Buffer (10X)
Fixation Buffer
Permeabilization Wash Buffer (10X)

Clone
HTK888

Application
FC, ICC, ICFC, IF, IP, WB
FC, ICC, ICFC
FC, ICFC
ICC, ICFC
ICC, ICFC, IHC



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