SONY

Product Data Sheet

Purified anti-mouse CD79a (Igα)

Catalog # / Size:	1265510 / 500 µg
Clone:	F11-172
Isotype:	Hamster IgG
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

Applications:

Applications:	Other
Recommended Usage:	Each lot of this antibody is quality control tested by intracellular immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤0.25 microg per million cells in 100 microL 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