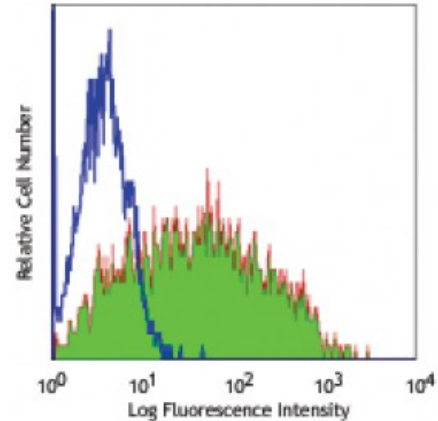


Purified anti-human CD71

Catalog # / Size: 2270510 / 100 µg
Clone: CY1G4
Isotype: Mouse IgG2a, κ
Immunogen: NALM-6 pre-B cell line
Reactivity: Human
Preparation: The antibody was purified by affinity chromatography.
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Workshop Number: A015
Concentration: 0.5



PHA-stimulated (day-3) human peripheral blood lymphocytes stained with purified CY1G4, followed by anti-mouse IgG FITC

Applications:

Applications: Other

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

Application References: 1. Schlossman S, *et al.* Eds. 1995. Leucocyte Typing V. Oxford University Press. New York.

Description: CD71 is a 95 kD type II homodimeric transmembrane glycoprotein also known as T9 and transferrin receptor. It is expressed on proliferating cells, reticulocytes, and erythroid precursors. CD71 plays a role in the control of cellular proliferation by facilitating the uptake of iron via ferrotransferrin binding and the recycling of apotransferrin to the cell surface.

Antigen References: 1. Hentze M, *et al.* 1996. *P. Natl. Acad. Sci. USA* 93:8175.
2. Trowbridge I, *et al.* 1993. *Annu. Rev. Cell Biol.* 9:129.