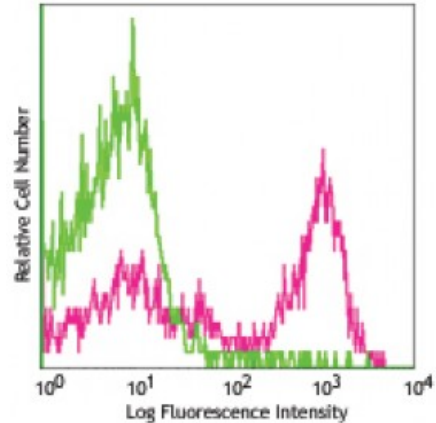


PE/Cy7 Goat anti-rat IgG (minimal x-reactivity)

Catalog # / Size: 2627065 / 100 µg
Clone: Poly4054
Isotype: Goat IgG
Reactivity: Rat
Preparation: The antibody was purified by affinity chromatography, and conjugated with PE/Cy7 under optimal conditions. The solution is free of unconjugated PE/Cy7 and unconjugated antibody.
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration: 0.2



C57BL/c mouse splenocytes stained with purified rat anti-mouse CD45R/B220 (RA3-6B2), followed anti-rat IgG (Poly4054) PE/Cy7

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

Application Notes: This conjugated goat anti-rat IgG antibody is useful for direct immunofluorescent staining or as a second step reagent for indirect immunofluorescent staining when used in conjunction with primary antibodies.

Application References: 1. Zornetzer GA, *et al.* 2010. *J. Virol.* 84:11297. [PubMed](#)
2. Frank NY, *et al.* 2011. *Cancer Res.* 71:1474. (IHC) [PubMed](#)

Description: Goat anti-rat IgG antibody reacts primarily with the heavy chains of rat IgG, but also partially binds to the light chains common to most rat immunoglobulins. No cross-reactivity has been detected against non-immunoglobulin serum proteins. This antibody has been solid-phase absorbed to ensure minimal cross-reaction with rabbit, human, bovine, horse, and mouse immunoglobulins, but it may cross-react with other immunoglobulins from other species.