SONY

Product Data Sheet

PE/Cyanine7 Goat anti-rat IgG (minimal x-reactivity)

Catalog # / Size: 2627065 / 100 µg

Clone: Poly4054

Isotype: Goat Polyclonal IgG

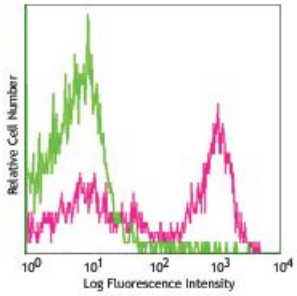
Reactivity: Rat

Preparation: The antibody was purified by affinity chromatography, and conjugated with PE/Cy7 under optimal conditions.

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

Workshop Number: 750 under optimal conditions.

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 µg per million cells in 100 µl 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.

For research use only. Not for diagnostic use. Not for resale. Sony Biotechnology Inc. will not be held responsible for patent infringement or other violations that may occur with the use of our products.

Sony Biotechnology Inc. 1730 North First Street, San Jose, CA 95112 www.sonybiotechnology.com