

PE/Dazzle™ 594 Goat anti-mouse IgG (minimal x-reactivity)

Catalog # / Size: 2626650 / 100 µg

Clone: Poly4053

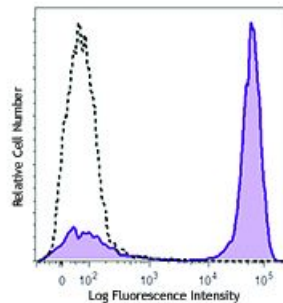
Isotype: Goat IgG

Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography and conjugated with PE/Dazzle™ 594 under optimal conditions. The solution is free of unconjugated PE/Dazzle™ 594 and unconjugated antibody.

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

Concentration: Lot-specific



Human peripheral blood lymphocytes were stained with purified mouse anti-human CD3, followed by anti-mouse IgG (clone Poly4053) PE/Dazzle™ 594 (filled histogram). Unstained cells are represented by the open histogram.

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 ≤0.5 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.

* PE/Dazzle™ 594 has a maximum excitation of 566 nm and a maximum emission of 610 nm.

Application Notes: This polyclonal goat anti-mouse IgG antibody is useful for capture or detection of mouse IgG in ELISA.

Application References: 1. Scotta, C, et al. 2008. *J. Immunol.* 181:1025. [PubMed](#)

Description: This polyclonal goat anti-mouse IgG antibody reacts with the heavy chains of mouse IgG and with the light (κ and λ) chains common to most mouse 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 rat, human, bovine, horse, and rabbit immunoglobulins, but it may have minimal cross-reaction with other subclasses of mouse immunoglobulins.