SONY

Product Data Sheet

APC/Fire™ 750 Goat anti-mouse IgG (minimal x-reactivity)

Catalog # / Size: 2626680 / 100 µg

Clone: Poly4053

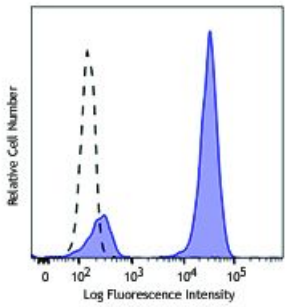
Isotype: Goat Polyclonal IgG

Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography and conjugated with APC/Fire™ 750 under optimal conditions.

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

Concentration: 0.2



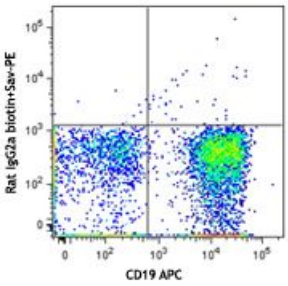
Human peripheral blood lymphocytes were stained with purified anti-human CD3 (clone UCHT1) anibody followed by anti-mouse IgG (clone Poly4053) Brilliant Violet 510™ (filled histogram). Unstained cells are represented by the open histogram.

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 ≤1.0 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

* APC/Fire™ 750 has a maximum excitation of 650 nm and a maximum emission of 787 nm.



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

Application References:

1. Scotta C, *et al.* 2008. *J Immunol.* 181:1025-33. PubMed
2. Gao X, *et al*. 2014. *Cell Mol Neurobiol*. 34:257-68 **(ICC)**
3. Winters T, *et al*. 2014. *EMBO J*. 33:1256-70.

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Description: This polyclonal goat anti-mouse IgG antibody reacts with the heavy chains of mouse IgG and with the light (kappa and lambda) 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-reactivity with other subclasses of mouse immunoglobulins.

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