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

**Catalog # / Size:** 2627130 / 100 µg

**Clone:** Poly4054

**Isotype:** Goat Polyclonal IgG

**Reactivity:** Rat

**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 mg/ml

**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.

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

**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](#)
3. Baba T, *et al.* 2020. *eLife.* 9:e54257. **(IHC-P)**

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**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.