

Spark Blue™ 550 Rat IgG2a, κ Isotype Ctrl

Catalog # / 2602895 / 25 µg
Size: 2602900 / 100 µg

Clone: RTK2758

Isotype: Rat IgG2a, κ

Immunogen: Trinitrophenol + KLH

Reactivity: Other

Preparation: The antibody was purified by affinity chromatography and conjugated with Spark Blue™ 550 under optimal conditions.

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

Concentration: 0.5 mg/mL

Applications:

Applications: Flow Cytometry, Intracellular Staining for Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis as negative control. Use at concentrations comparable to those of the specific antibody of interest. Use our Concentration Lookup tool to find the exact concentrations of your lots of product.

* Spark Blue™ 550 has a maximum excitation of 516 nm and a maximum emission of 540 nm.

Application Notes: Additional reported applications (for the relevant formats) include: Intracellular Flow Cytometry (ICFC), Immunocytochemistry (ICC), Immunohistochemistry (IHC), Immunoprecipitation (IP), Western Blotting (WB), and Functional Assay (FA).

Application References:

1. Nishimoto H, *et al.* 2005. *Blood* 106:4241.
2. Seach N, *et al.* 2008. *J. Immunol.* 180:5384. [PubMed](#)
3. Jiang P, *et al.* 1999. *J. Biol. Chem.* 274:559. (FA)

Description: The RTK2758 immunoglobulin reacts with KLH. The isotype of this antibody is rat IgG2a, κ. This antibody was chosen as an isotype control after screening on a variety of resting, activated, live, and fixed mouse, rat and human tissues.