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# Product Data Sheet

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## KIRAVIA Blue 520™ Rat IgG2a, κ Isotype Ctrl

**Catalog # /** 2602880 / 100 µg  
**Size:** 2602875 / 25 µg

**Clone:** RTK2758

**Isotype:** Rat IgG2a, κ

**Immunogen:** Trinitrophenol + KLH

**Reactivity:** Other

**Preparation:** The antibody was purified by affinity chromatography and conjugated with KIRAVIA Blue 520™ 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 ≤ 1.0 µg per million cells in 100 µL volume. It is recommended that the reagent be titrated for optimal performance for each application.

\* KIRAVIA Blue 520™ has an excitation maximum of 495 nm, and a maximum emission of 520 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)

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**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.