

KIRAVIA Blue 520™ Streptavidin

Catalog# / Size	405171 / 25 µg 405172 / 100 µg
Regulatory Status	RUO
Other Names	Streptavidin, SAV, SAV
Description	Streptavidin is a 52.8 kDa tetrameric protein obtained from <i>Streptomyces avidinii</i> . It binds to biotin with a very high affinity and is one of the strongest interactions in nature with a dissociation constant of 10 ⁻¹⁴ mol/L. It is used to detect biotinylated proteins in a wide range of applications.

Product Details

Verified Reactivity	Human, Mouse, Rat, All Species
Formulation	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide
Preparation	The antibody was purified by affinity chromatography and conjugated with KIRAVIA Blue 520™ under optimal conditions.
Concentration	0.2 mg/mL (concentration relates to the Streptavidin only component of the conjugate)
Storage & Handling	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Application	FC - Quality tested
Recommended Usage	<p>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 µg per million cells in 100 µL volume. It is recommended that the reagent be titrated for optimal performance for each application.</p> <p>* KIRAVIA Blue 520™ has an excitation maximum of 495 nm, and a maximum emission of 520 nm.</p> <p>KIRAVIA Blue™ 520 is a trademark of Sony. This product is subject to proprietary rights of Sony and is made and sold under license from Sony Corporation. This product is covered by U.S. Patent(s), pending patent applications and foreign equivalents.</p> <p>Sony and the Sony logo are registered trademarks of Sony Corporation.</p>
Excitation Laser	Blue Laser (488 nm)

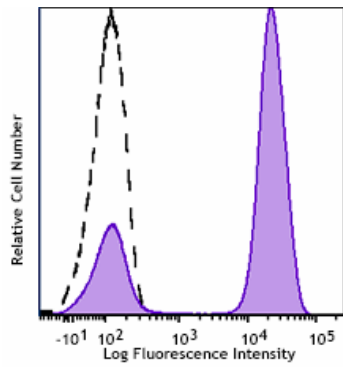
Antigen Details

Gene ID	NA
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Related Protocols

[Cell Surface Flow Cytometry Staining Protocol](#)

Product Data



Human peripheral blood lymphocytes were stained with biotinylated CD3, followed by SAV-KIRAVIA Blue 520™ (filled histogram), or biotinylated mouse IgG1 isotype control, followed with SAV-KIRAVIA Blue 520™ (open histogram).

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