

**Purified Streptavidin**

- Catalog # / Size:** 2625750 / 1 mg  
2625755 / 10 mg
- Isotype:** Mouse IgG1,  $\kappa$
- Immunogen:** BCMA-mouse IgG Fc fusion protein
- Preparation:** The antibody was purified by affinity chromatography and conjugated with Brilliant Violet 421™ under optimal conditions. The solution is free of unconjugated Brilliant Violet 421™ and unconjugated antibody.
- Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA).
- Concentration:** Lot-specific

**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  $\leq 0.06$  microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.

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**Description:** Streptavidin is a 52.8 kD tetrameric protein obtained from *Streptomyces avidinii*. 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 in a wide range of applications including ELISA, flow cytometry, molecular biology, and bionanotechnology.

- Antigen References:**
1. Coquery CM and Erickson LD. 2012. *Crit. Rev. Immunol.* 32:287.
  2. Notas G, *et al.* 2012. *J. Immunol.* 189:4748.
  3. Rickert RC, *et al.* 2011. *Immunol. Rev.* 244:115.
  4. Mesin L, *et al.*