

Purified Streptavidin

Catalog # / Size: 2625755 / 10 mg
2625750 / 1 mg

Isotype: Mouse IgG1, κ

Preparation: Reconstitute the content of the vial in distilled water to the desired concentration.

Formulation: Each vial contains Streptavidin lyophilized in sodium chloride buffer.

Concentration: NULL

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

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. Dundas CM, *et al.* 2013. *Appl. Microbiol. Biotechnol.* 97:9343.
2. Zhao X, *et al.* 2013. *J. Anal. Methods Chem.* 2013:581093.
3. Kaplan DL, *et al.* 1999. *Biomol. Eng.* 16:135.
4. Wilbur