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Product no AS15 2860

Anti-Streptavidin HRP Conjugated

Product information

Streptavidin is a protein that has a very high affinity for biotin (known as vitamin B7 or H). The binding of biotin to streptavidin is one of the strongest non-covalent interactions known in nature. Streptavidin is mostly used in molecular biology and bionanotechnology since the complex of streptavidin-biotin is resistant to organic solvents, denaturants etc. and extremes of temperature and pH.

Quantity 1 mg

Storage Store freeze-dried (lyophilized) powder at 2-8°C. Rehydrate with 1.1 ml of deionized water and let stand 30 minutes at room temperature to dissolve. Centrifuge to remove any particulates. Prepare fresh working dilution daily prior to use and then discard. Short term storage at 2-8°C. For long term storage, dilute 1:1 with 100% glycerol to give a final 50% glycerol concentration and at -20°C as a liquid.

Shelf life of this product is 1 year from date of receipt.

Application information

Recommended dilution 1 : 500-1 : 2000 (IHC), 1 : 5 000- 1: 50 000 (ELISA), (WB)

Additional information Buffer composition: 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free. 0.1 % Kathon CG (v/v) is included as preservative.

Streptavidin was overexpressed in bacterial culture, purified and conjugated to horse radish peroxidase (HRP).