



DataSheet

CATALOGUE #: 3ST10

PRODUCT NAME: Monoclonal mouse anti-Streptavidin from *Streptomyces avidinii*

MAbs *in vitro*: S8C12cc

MAbs *in vivo*: S10D4

Specificity: No cross-reactivity with egg white avidin. MAbs bind with high efficiency with different epitopes of streptavidin molecule. MAbs bind to the streptavidin without interfering with the biotin-binding reaction.

MAb isotypes: **IgG1** for MAbs S8C12cc, S10D4

Applications: MAbs can be used to localize streptavidin, to amplify signals in immunochemistry, immunohistochemistry, ELISA, flow cytometry and immunoblotting. These mouse anti-streptavidin MAbs applied to the ABC complex, previously bound to the second antibody system allow for further enhancement of signal when anti-mouse antibody conjugate is added. MAbs are effective in immunoadsorption procedures of streptavidin - biotinylated protein complexes.

Purification: Protein A chromatography

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN₃)

Storage: +4 °C (+2 ... +8 °C allowed)

Material safety note: This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.

Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.

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