

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: K86130M **Lot #:** 8H22122

Description: MAb to Streptavidin
Monoclonal Antibody to Streptavidin

Specificity: Not cross-reactive with egg white avidin. Binds with high efficiency to epitope of streptavidin molecule. K86130M reacts with the determinant not overlapping with K86310M epitope. Binds to the streptavidin without interfering with the biotin-binding reaction.

Host Animal: Mouse **Isotype:** IgG₁

Source: Cell Culture

Format: Purified, Liquid

Purification: > 90% pure (SDS-PAGE). Protein A Chromatography

Concentration: 5.7 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Can be used to localize streptavidin, to amplify signals in Immunochemistry, Histochemistry, ELISA, Flow Cytometry and Immunoblotting. Mouse anti-streptavidin applied to the ABC complex, previously bound to the second antibody system, allows for further enhancement of signal when anti-mouse antibody conjugate is added. The antibody is effective in Immunoabsorption procedures of streptavidin-biotinylated protein complexes. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store at 2–8°C.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



09 Aug 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY