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## CERTIFICATE OF ANALYSIS

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

**Catalog #:** K86130M **Lot #:** 10K33217

**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:** IgG<sub>1</sub>

**Source:** Ascites

**Format:** Purified, Liquid

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

**Concentration:** 8.1 mg/mL (OD280nm,  $E^{0.1\%} = 1.4$ )

**Affinity Constant:**  $> 1 \times 10^8$

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

*Brenda Dunn*

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**