

Mouse Streptavidin Monoclonal Antibody

Streptavidin antibody

CATALOG # AAA48028	HOST Mouse	APPLICATIONS Western Blot, ELISA
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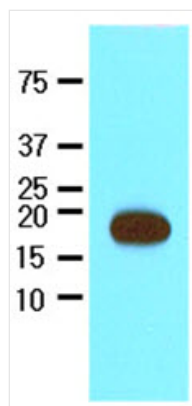
PRODUCT SYNONYMS

Streptavidin; Monoclonal Antibody; Streptavidin antibody; Streptomyces avidinii streptavidin; SA V1; SA V2; Streptavidin V1; Streptavidin V2.; anti-Streptavidin antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b, k
Clone Number	1C2
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	183
Applicable Applications for anti-Streptavidin antibody	WB (Western Blot), ELISA
Immunogen	Recombinant Streptavidin (25-183aa) purified from E. coli
Preparation and Storage	For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



WB (Western Blot)

Recombinant Streptavidin protein (17kDa) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-Streptavidin (1:2000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system

ADDITIONAL INFORMATION

Related Product Information for anti-Streptavidin antibody	Streptavidin, a tetrameric protein secreted by Streptomyces avidinii, binds tightly to a small growth factor biotin. It finds wide use in molecular biology through its extraordinarily strong affinity for the vitamin biotin; the dissociation constant (kd) of the biotin-streptavidin complex is on the order of ~10-15 mol/L. The high affinity recognition of biotin and biotinylated molecules has made streptavidin one of the most important components in laboratory kits.
Product Categories/Family for anti-Streptavidin antibody	Protein Marker
References	Mark Howarth, et al. (2006) Nature Methods. 3:267-73.; Holmberg A., et al. (2005) Electrophoresis. 26 (3):501-10

NCBI AND UNIPROT INFORMATION

NCBI GI #	46741
UniProt Accession #	P22629
Molecular Weight	18,834 Da
NCBI Official Full Name	unnamed protein product
UniProt Protein Name	Streptavidin

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/streptavidin-antibody-clone-1c2-western-blot-elisa/48028>