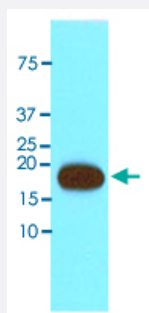


Streptomyces avidinii Streptavidin monoclonal antibody, clone 1C2

Catalog # MAB2046

Size 100 uL

Applications



Western Blot (Recombinant protein)

Western blot analysis of recombinant Streptavidin protein (17 kDa) was 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.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant <i>Streptomyces avidinii</i> Streptavidin.
Immunogen	Recombinant protein corresponding to amino acids 25-183 of <i>Streptomyces avidinii</i> Streptavidin.
Host	Mouse
Form	Liquid
Purification	Protein G purification
Isotype	IgG2b, kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	ELISA Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (10% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Recombinant protein)

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- Enzyme-linked Immunoabsorbent Assay

Publication Reference

- [A monovalent streptavidin with a single femtomolar biotin binding site.](#)

Howarth M, Chinnapen DJ, Gerrow K, Dorrestein PC, Grandy MR, Kelleher NL, El-Husseini A, Ting AY.
Nature Methods 2006 Apr; 3(4):267.

- [The biotin-streptavidin interaction can be reversibly broken using water at elevated temperatures.](#)

Holmberg A, Blomstergren A, Nord O, Lukacs M, Lundeberg J, Uhlen M.
Electrophoresis 2005 Feb; 26(3):501.