



[Go to Product page](#)

Datasheet for ABIN306470
anti-Streptavidin antibody

1 Image

Overview

Quantity:	100 µL
Target:	Streptavidin
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Streptavidin antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Recombinant Streptavidin (25-183aa), Accession / GI number: CAA27265
Clone:	1C2
Isotype:	IgG2b kappa
Purification:	The antibody was purified from mouse ascitic fluids by protein-G affinity chromatography

Target Details

Target:	Streptavidin
Abstract:	Streptavidin Products
Background:	Streptavidin, a tetrameric protein secreted by <i>Streptomyces avidinii</i> , 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

Target Details

has made streptavidin one of the most important components in diagnostics and laboratory kits.

Application Details

Application Notes: Recommended dilution 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1mg/ml

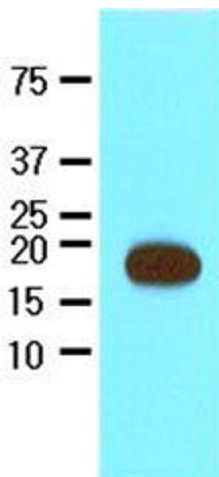
Buffer: In Phosphate-Buffered Saline (pH7.4) with 0.1% Sodium Azide

Preservative: Sodium azide

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

Storage: -20 °C

Images



Western Blotting

Image 1. Western blot analysis: 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.