

Datasheet for ABIN306470
anti-Streptavidin antibody



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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 (K _d) 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.

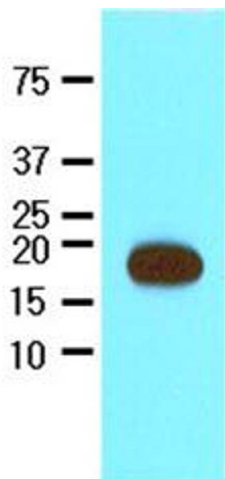
Application Details

| | |
|--------------------|-----------------------------|
| 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 SDSPAGE, 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.