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Datasheet for ABIN7384532 **anti-Streptavidin antibody**

Overview

Quantity:	20 µL
Target:	Streptavidin
Reactivity:	Various Species
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Streptavidin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Native Streptomyces Avidinii streptavidin protein
Clone:	1C4
Isotype:	IgG1
Purification:	Protein A/G Purified

Target Details

Target:	Streptavidin
Abstract:	Streptavidin Products
Background:	Streptavidin, SA, Avidin, Streptavidin is a biotin-binding protein found in the culture broth of the bacterium Streptomyces. Streptavidin can bind to four moles of biotin per mole of protein with extremely high affinity, approximately 10,000-15,000 Da. Streptavidin lacks the carbohydrate side chains present on avidin and has an isoelectric point of 6.5 to avidin's 10 far closer to that

Target Details

at which most useful biological interactions occur. As a result, Streptavidin frequently exhibits much lower non-specific binding than avidin does.

Molecular Weight: Observed_MW: 16kDa
Calculated_MW: 16kDa

UniProt: [P22629](#)

Application Details

Application Notes: WB: 1:5000-10000, IP: 3 µg/sample

Restrictions: For Research Use only

Handling

Concentration: 3.5 mg/mL

Buffer: PBS with 0.1 % sodium azide, 50 % glycerol, pH 7.4

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

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.