

Datasheet for ABIN929500

Streptavidin Protein (Poly-HRP40)**3** Publications[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Streptavidin
Origin:	Streptomyces avidinii
Source:	Streptomyces avidinii
Protein Type:	Recombinant
Purification tag / Conjugate:	This Streptavidin protein is labelled with Poly-HRP40.

Product Details

Target Details

Target:	Streptavidin
Abstract:	Streptavidin Products
Background:	<p>Streptavidin Poly-HRP Conjugate is streptavidin biotin-binding protein that is conjugated with polymers of horseradish peroxidase, enabling signal amplification and detection of biotinylated antibodies for IHC and other methods. This poly-HRP conjugate is designed to deliver the highest sensitivity and low background in immunoassays where sample volume is limited or when the target molecule is present at low levels. The estimated average number of HRP monomer molecules in SA-PolyHRP20 conjugate is 100 (20 X 5), in SA-PolyHRP40 - 200 (40 X 5) and in SA-PolyHRP80 - 400 (80 X 5). Thus, PolyHRP brings in reaction with substrate development system much larger number of enzyme label molecules (per one bound analyte molecule) than conventional conjugates do. . Synonyms: Streptavidin-PolyHRP40 (diluted to 50ug/ml in Stabilizer 85R-112).</p>

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Supplied as a liquid in Streptavidin-PolyHRP Stabilizer 85R-112.

Storage: 4 °C

Publications

Product cited in: St-Pierre, Ouellet, Tremblay, Sato: "Galectin-1 and HIV-1 Infection." in: **Methods in enzymology**, Vol. 480, pp. 267-94, (2010) ([PubMed](#)).

Wojciechowski, Chase-Baldwin, Wasieloski, Padilla, Vora, Taitt: "Enhancement of deoxyribonucleic acid microarray performance using post-hybridization signal amplification." in: **Analytica chimica acta**, Vol. 679, Issue 1-2, pp. 85-90, (2010) ([PubMed](#)).

Cirrito, Kang, Lee, Stewart, Verges, Silverio, Bu, Mennerick, Holtzman: "Endocytosis is required for synaptic activity-dependent release of amyloid-beta in vivo." in: **Neuron**, Vol. 58, Issue 1, pp. 42-51, (2008) ([PubMed](#)).