

Datasheet for ABIN97920
anti-Cyanine antibody (Biotin)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Cyanine
Reactivity:	Please inquire
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This Cyanine antibody is conjugated to Biotin
Application:	ELISA

Product Details

Purpose:	Cyanine Antibody Biotin Conjugated
Immunogen:	Immunogen: A mixture of Cy3 and Cy5 conjugated KLH Immunogen Type: Other
Isotype:	IgG
Cross-Reactivity (Details):	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Sheep Serum and cyanine conjugated IgG.
Characteristics:	Synonyms: sheep anti Cyanine Antibody Biotin Conjugated
Purification:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using a cyanine BSA conjugate coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities.

Target Details

Target:	Cyanine
Abstract:	Cyanine Products
Target Type:	Chemical
Background:	Background: Cyanine is a synthetic family of dyes that can cover the spectrum from infrared to ultraviolet light. Cyanine is useful in protein and nucleic acid labeling. This Anti-Cyanine Antibody is conjugated to Biotin. Anti-Cyanine (sheep) antibody is ideal for investigators in Cell Biology, Immunology, and Microbiology research.

Application Details

Application Notes:	Application Note: This product has been assayed against 1.0 µg of Cyanine IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:8,000 to 1:40,000 of the reconstitution concentration is suggested for this product. ELISA Dilution: 1:8,000-1:40,000
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 1.0 mL Reconstitution Buffer: Restore with deionized water (or equivalent)
Concentration:	1.0 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free Preservative: 0.01 % (w/v) 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:	4 °C, -20 °C
Storage Comment:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear

Handling

after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiry Date: 12 months