



Anti-CYANINE (SHEEP) Antibody - 600-601-209

Code: 600-601-209

Size: 1 mg

Product Description: Anti-CYANINE (SHEEP) Antibody - 600-601-209

Concentration: 1.1 mg/mL by UV absorbance at 280 nm

PhysicalState: Liquid (sterile filtered)

Label	Unconjugated
Host	Sheep
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide
Storage Condition	Store vial at 2-8° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear 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.
Application Note	Anti-Cyanine (Sheep) Antibody is suitable for immunoprecipitation, immunodiffusion, conjugation and most immunological methods requiring lot-to-lot consistency, high titer and specificity.
Background	<p>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.</p> <p>Anti-Cyanine (sheep) antibody is ideal for investigators in Cell Biology, Immunology, and Microbiology research.</p>
Purity And Specificity	Anti-Cyanine (Sheep) antibody 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. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Sheep Serum and cyanine conjugated IgG. Reactivity was observed against Cy2, Cy3 and Cy5. Reactivity against other cyanine analogs is unknown.
ELISA	1:10,000 - 1:50,000
Immunohistochemistry	User Optimized
WESTERN BLOT	1:1,000 - 1:5,000
IHC	User Optimized
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	A mixture of Cy3 and Cy5 conjugated KLH
General Reference	Ernst, Gupta, Mujumdar, and Waggoner. (1989). "Cyanine dye labeling reagents for sulfhydryl groups". Cytometry 10 (1): 3-10.

Related Products

600-602-209	Anti-CYANINE (SHEEP) Antibody Fluorescein Conjugated - 600-602-209
600-603-209	Anti-CYANINE (SHEEP) Antibody Peroxidase Conjugated - 600-603-209
600-605-209	Anti-CYANINE (SHEEP) Antibody Alkaline Phosphatase Conjugated - 600-605-209
600-606-209	Anti-CYANINE (SHEEP) Antibody Biotin Conjugated - 600-606-209

Related Links

Disclaimer

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