



Anti-CYANINE (SHEEP) Antibody Alkaline Phosphatase Conjugated - 600-605-209

Code: 600-605-209

Size: 1 mg

Product Description: Anti-CYANINE (SHEEP) Antibody Alkaline Phosphatase Conjugated - 600-605-209

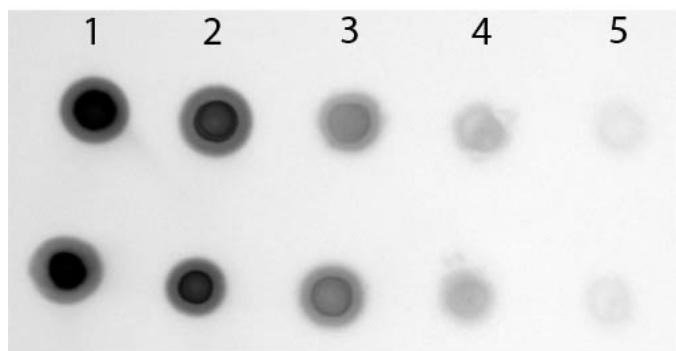
Concentration: 1.0 mg/mL by UV absorbance at 280 nm

Physical State: Liquid (sterile filtered)

Label	Alkaline Phosphatase (Calf Intestine)
Host	Sheep
Buffer	0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Sodium Azide
Storage Condition	Store vial at 4° C before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.
Synonyms	sheep anti-Cyanine Antibody alkaline phosphatase Conjugation, alk phos conjugated sheep anti-Cyanine Antibody
Application Note	This product has been assayed against 1.0 ug of Cyanine IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate code # NPP-10 as a substrate for 30 minutes at room temperature. A working dilution of 1:700 to 1:2,800 of the reconstitution concentration is suggested for this product.
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 Alkaline Phosphatase. Anti-Cyanine (sheep) antibody is ideal for investigators in Cell Biology, Immunology, and Microbiology research.
Purity And Specificity	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. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Sheep Serum and cyanine conjugated IgG. Reactivity was observed against Cy2, Cy3 and Cy5. Reactivity against other cyanine analogs is unknown.
ELISA	1:2,000 - 1:10,000
Western Blot	1:500 - 1:2,500
Immunohistochemistry	1:200 - 1:1,000
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	A mixture of Cy3 and Cy5 conjugated KLH
Related Products	
	200-301-268 Anti-AKT pS473 (MOUSE) Monoclonal Antibody - 200-301-268
	610-4302 Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302
	611-1302 Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
	B304 NORMAL GOAT SERUM (NGS) - B304

Images

- 1 Dot Blot of Sheep anti-Cyanine Antibody Alkaline Phosphatase Conjugated. Antigen: Row 1 - Cy3 Streptavidin Conjugated Row 2 - Cy5 Streptavidin Conjugated. Load: Lane 1 - 200 ng Lane 2 - 66.67 ng Lane 3 - 22.22 ng Lane 4 - 7.41 ng Lane 5 - 2.47 ng. Primary antibody: none. Secondary antibody: Sheep anti-Cyanine Antibody Alkaline Phosphatase Conjugated at 1:1,000 for 60 min at RT. Block: MB-070 for 1 HR at RT. Visualized using NBT-100 Alkaline Phosphatase Substrate for 30 seconds at RT.



Disclaimer

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