

Datasheet for 613-4502

Sheep IgG (H&L) Antibody Alkaline Phosphatase Conjugated

Overview

Description:	Rabbit Anti-Sheep IgG (H&L) Antibody Alkaline Phosphatase Conjugated - 613-4502
Item No.:	613-4502
Size:	1 mg
Applications:	Dot Blot, ELISA
Reactivity:	Sheep
Host Species:	Rabbit

Product Details

Background:	Anti-Sheep IgG antibody generated in rabbit detects specifically sheep IgG. This secondary antibody anti-Sheep is ideal for investigators who routinely perform ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation and more generally immunoassays.
Synonyms:	Rabbit Anti-Sheep IgG alkaline phosphatase Conjugated Antibody, Rabbit Anti-Sheep IgG Antibody alk phos Conjugation
Host Species:	Rabbit
Specificity:	IgG (H&L)
Conjugate:	Alkaline Phosphatase (AP)
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Sheep
Immunogen Type:	Native Protein
Immunogen:	Anti-Sheep IgG (H&L) was produced by repeated immunization with Sheep IgG whole molecule in rabbit.

Purity/Specificity: This product was prepared from monospecific antiserum by immunoaffinity chromatography using Sheep IgG 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-Rabbit Serum, Sheep IgG and Sheep Serum.

Application Details

Tested Applications:	Dot Blot, ELISA
Application Note:	Anti-Sheep IgG (H&L) Alkaline Phosphatase has been tested by ELISA and dot blot and is suitable for use in immunoelectrophoresis, western-blot, competitive western-blot, ELISA and competitive ELISA assays. Specific conditions for reactivity and signal detection should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:5,000
IHC:	1:200 - 1:1,000
WB:	1:500 - 1:2,000

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
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
Preservative:	0.1% (w/v) Sodium Azide
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Shipping & Handling

Shipping Condition:	Wet Ice
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.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Dot Blot

Dot Blot of Rabbit anti-Sheep IgG antibody Alkaline Phosphatase Conjugated. Antigen: Sheep IgG. Load: 200 ng, 66.7 ng, 22.2 ng, 7.41 ng or 2.47 ng as indicated. Primary antibody: N/A. Secondary antibody: Alkaline Phosphatase Conjugated Rabbit anti-Sheep IgG Antibody. Block: Blocking Buffer for Fluorescent Western Blotting (MB-070) at RT for 1 hour.

Disclaimer

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