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Datasheet for 611-6502

Rabbit IgG (H&L) Antibody Alkaline Phosphatase Conjugated

Overview

Description:	Sheep Anti-Rabbit IgG (H&L) Antibody Alkaline Phosphatase Conjugated - 611-6502
Item No.:	611-6502
Size:	1 mg
Applications:	Dot Blot, ELISA, WB
Reactivity:	Rabbit
Host Species:	Sheep

Product Details

Background:	Rabbit IgG antibody detects rabbit IgG whole molecule heavy and light chain components. Anti-Rabbit IgG antibody is ideal for researchers using immunoassays with rabbit primary antibody reagents.
Synonyms:	sheep anti-Rabbit IgG Antibody Alkaline Phosphatase Conjugation, sheep anti-Rabbit IgG Alkaline Phosphatase Conjugated Antibody
Host Species:	Sheep
Specificity:	IgG (H&L)
Conjugate:	Alkaline Phosphatase (AP)
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Rabbit
Immunogen:	Rabbit IgG whole molecule
Purity/Specificity:	Anti-Rabbit IgG Antibody Alkaline Phosphatase Conjugated was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit 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-Sheep Serum, Rabbit IgG and Rabbit Serum.

Relevant Links:	• 611-6502 SDS

Application Details

Tested Applications:	Dot Blot, ELISA, WB
Application Note:	Anti-Rabbit IgG Alkaline Phosphatase antibody has been tested by ELISA, dot blot, and western blot and is suitable for immunohistochemistry applications. Specific conditions for reactivity should be optimized by the researcher.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:15,000
IHC:	1:200 - 1:1,000
WB:	1:500 - 1:2,000

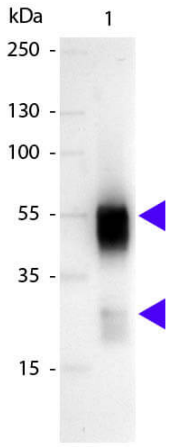
Formulation

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:	0.01% (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



Western Blot

Western blot of Alkaline Phosphatase conjugated Sheep Anti-Rabbit IgG secondary antibody. Lane 1: Rabbit IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Alkaline Phosphatase sheep secondary antibody at 1:1,000 for 60 min at RT. Blocking: MB-070 for 30 min at RT. Predicted/Observed size: 25 & 55 kDa, 25 & 55 kDa for Rabbit IgG. Other band(s): None.

Dot Blot

Dot Blot of Sheep anti-Rabbit IgG Antibody Alkaline Phosphatase Conjugated. Antigen: Rabbit IgG. Load: Lane 1 - 200 ng Lane 2 - 66.7 ng Lane 3 - 22.2 ng Lane 4 - 7.41 ng Lane 5 - 2.47 ng. Primary antibody: n/a. Secondary antibody: Sheep anti-Rabbit IgG Antibody Alkaline Phosphatase Conjugated at 1:1,000 for 60 min at RT. Block: MB-070 for 1 HR at RT.

References

- Hasegawa T et al. Alendronate inhibits bone-specific blood vessels in the femoral metaphyses of mice. *J Oral Biosci.* (2025)

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