

Datasheet for 613-7502**Sheep IgG (H&L) Antibody Alkaline Phosphatase Conjugated****Overview**

Description:	Donkey Anti-Sheep IgG (H&L) Antibody Alkaline Phosphatase Conjugated - 613-7502
Item No.:	613-7502
Size:	1 mg
Applications:	ELISA
Reactivity:	Sheep
Host Species:	Donkey

Product Details

Background:	Anti-Sheep IgG (H&L) antibody generated in donkey detects specifically sheep IgG heavy and light chains (H&L). This Anti sheep antibody is conjugated to alkaline phosphatase and this secondary antibody is suitable for immunoblotting and immunoassays. Anti-Sheep IgG (H&L) antibody is ideal for investigators in Cancer, Immunology, and Microbiology research.
Synonyms:	Donkey Anti-Sheep IgG alkaline phosphatase Conjugated Antibody, Donkey Anti-Sheep IgG Antibody Alk phos Conjugation
Host Species:	Donkey
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 donkey.

Purity/Specificity:	Anti-Sheep IgG (H&L) Antibody 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-Donkey Serum, Sheep IgG and Sheep Serum.
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Application Details

Tested Applications:	ELISA
Application Note:	Anti-Sheep IgG Alkaline Phosphatase Antibody has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, and immunohistochemistry assays requiring lot-to-lot consistency.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:2,000 - 1:8,000
IHC:	1:200 - 1:1,000
WB:	1:1,000 - 1:4,000

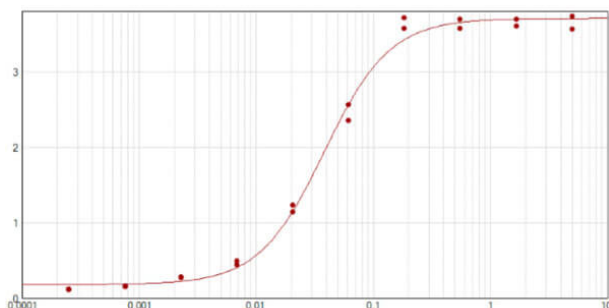
Formulation

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



ELISA

ELISA results of purified Anti-SHEEP IgG (H&L) (DONKEY) Alkaline Phosphatase Conjugated tested against Sheep IgG. Each well was coated in 1.0 μ g of antigen. The starting dilution of antibody was 5 μ g/mL and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using Buffer (p/n pNPP Buffer) and Substrate (p/n TMB-8000).

Disclaimer

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