

Product Datasheet

Sheep IgG (H&L) Antibody Alkaline Phosphatase Conjugated Pre-Adsorbed (orb347954)

Catalog Number	orb347954
Description	Sheep IgG (H&L) antibody (Alkaline Phosphatase)
Species/Host	Donkey
Reactivity	Sheep
Conjugation	AP
Tested Applications	DOT, ELISA, IHC, WB
Immunogen	Sheep IgG whole molecule
Preservatives	0.01% (w/v) Sodium Azide
Form/Appearance	Liquid (sterile filtered)
Concentration	1.0 mg/mL
Storage	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.
Note	For research use only
Application notes	Anti-Sheep IgG Alkaline Phosphatase has been tested by ELISA and dot blot and is assayed against 1.0 ug of Sheep 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 1:3,000 to 1:14,000 of the reconstitution concentration is suggested for this product.
Isotype	IgG
Clonality	Polyclonal

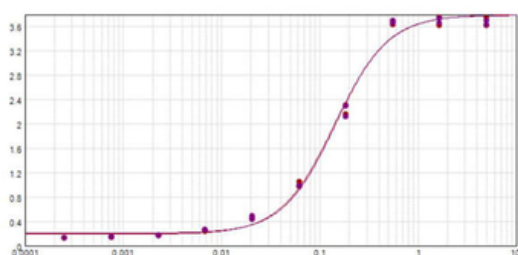
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Antibody Type	Secondary Antibody
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Sheep IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Donkey Serum, Sheep IgG and Sheep Serum. No reaction was observed against Chicken, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit and Rat Serum Proteins.
Dilution Range	ELISA: 1:2,000 - 1:10,000, IHC: 1:200 - 1:1,000, WB: 1:500 - 1:2,500
Expiration Date	12 months from date of receipt.



ELISA results of purified Polyclonal Donkey Anti-Sheep IgG Antibody Alkaline Phosphatase Conjugated tested against Sheep IgG. Each well was coated in duplicate with 1.0 µg of antigen. The starting dilution of antibody was 5 µg/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 and Substrate.

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