

Product Datasheet

Sheep IgG (H&L) Antibody Alkaline Phosphatase Conjugated (orb347960)

Catalog Number	orb347960
Category	Antibodies
Description	Sheep IgG (H&L) antibody (Alkaline Phosphatase)
Clonality	Polyclonal
Species/Host	Donkey
Isotype	IgG
Conjugation	AP
Reactivity	Sheep
Form/Appearance	Liquid (sterile filtered)
Concentration	1.0 mg/mL
Buffer/Preservatives	0.1% (w/v) Sodium Azide
Purity	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.
Immunogen	Anti-Sheep IgG (H&L) was produced by repeated immunization with Sheep IgG whole molecule in donkey.
Tested applications	ELISA, IHC, WB
Dilution range	ELISA: 1:2,000 - 1:8,000, IHC: 1:200 - 1:1,000, WB: 1:1,000 - 1:4,000

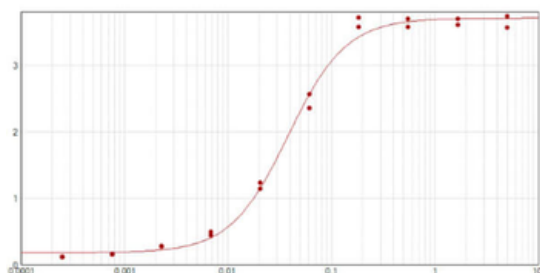
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Application notes	Anti-Sheep IgG Alkaline Phosphatase Antibody has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, and immunohistochemistry assays requiring lot-to-lot consistency.
Antibody Type	Secondary Antibody
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
Expiration Date	12 months from date of receipt.



ELISA results of purified Anti-SHEEP IgG (H&L) (DONKEY) Alkaline Phosphatase Conjugated tested against Sheep IgG. Each well was coated in 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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