

Product Datasheet

Mouse IgG (H&L) Antibody Alkaline Phosphatase Conjugated (orb347620)

Catalog Number	orb347620
Category	Antibodies
Description	Mouse IgG (H&L) antibody (Alkaline Phosphatase)
Clonality	Polyclonal
Species/Host	Sheep
Isotype	IgG
Conjugation	AP
Reactivity	Mouse
Form/Appearance	Liquid (sterile filtered)
Concentration	1.0 mg/mL
Buffer/Preservatives	Preservative: 0.01% (w/v) Sodium Azide. Stabilizer: 10 mg/mL Bovine Serum Albumin (rAlbumin) - Immunoglobulin and Protease free; 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
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse 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, Mouse IgG and Mouse Serum.
Immunogen	Mouse IgG whole molecule

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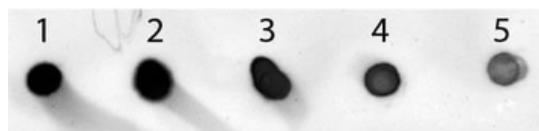
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Tested applications	DOT, ELISA, IHC, WB
Dilution range	ELISA: 1:10,000 - 1:50,000, IHC: 1:200 - 1:1,000, WB: 1:500 - 1:2,500
Application notes	Anti-Mouse IgG Alkaline Phosphatase Antibody has been tested by ELISA and dot blot and is assayed against 1.0 ug of Mouse IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:5,000 of the reconstitution concentration is suggested for this product.
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.



Dot Blot of Sheep anti-Mouse IgG Antibody Alkaline Phosphatase Conjugated. Antigen: Mouse IgG. Load: Lane 1 - 200 ng Lane 2 - 66.67 ng Lane 3 - 22.22 ng Lane 4 - 7.41 ng Lane 5 - 2.47 ng. Primary antibody: none. Secondary antibody: Sheep anti-Mouse IgG Antibody Alkaline Phosphatase Conjugated at 1:1000 for 60 min at RT. Block: orb348637 for 60 min at RT. Reaction visualized using alkaline phosphatase substrate for 30 seconds at RT.

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