

Product Datasheet

Rat IgG (H&L) Antibody Alkaline Phosphatase Conjugated (orb347814)

Description	Rat IgG (H&L) antibody (Alkaline Phosphatase)
Species/Host	Goat
Reactivity	Rat
Conjugation	AP
Tested Applications	DOT, ELISA, IHC, WB
Immunogen	Rat IgG whole molecule
Preservatives	0.1% (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-Rat IgG Alkaline Phosphatase antibody has been tested by ELISA, dot blot, and western blot and is suitable for use in immunohistochemistry. Specific conditions for reactivity should be optimized by the end user.
Isotype	IgG
Clonality	Polyclonal

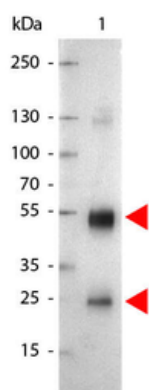
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Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Goat Serum, Rat IgG and Rat Serum.
Dilution Range	ELISA: 1:50,000 - 1:90,000, IHC: 1:200 - 1:1,000, WB: 1:500 - 1:2,500
Expiration Date	12 months from date of receipt.



Western Blot of Alkaline Phosphatase Conjugated Goat anti-Rat IgG antibody. Lane 1: Rat IgG. Lane 2: none. Load: 50 ng per lane. Primary antibody: none. Secondary antibody: Alkaline Phosphatase rat secondary antibody at 1:1000 for 60 min at RT. Block: orb348637 for 30 min RT. Predicted/Observed size: 55 kDa, 28 kDa for Rat IgG. Other band(s): none.

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