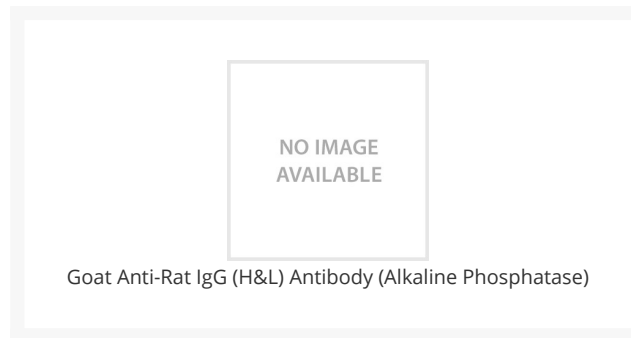




Goat Anti-Rat IgG (H&L) Antibody (Alkaline Phosphatase)

Cat. No.: XR-9580



Ψ Specifications

HOST SPECIES:	Goat
SPECIES REACTIVITY:	Rat
IMMUNOGEN:	Rat IgG - whole molecule
TARGET SPECIES:	Reacts with the heavy chain of rat IgG.
TESTED APPLICATIONS:	ELISA, IHC, WB
APPLICATIONS:	Alkaline Phosphatase Conjugated Affinity Purified anti-Rat IgG is suitable for immunoblotting (western or dot blot), ELISA and immunohistochemistry as well as other phosphatase-antibody based enzymatic assays requiring lot-to-lot consistency. Recommended dilutions are as follows, ELISA 1:4,000 - 1:20,000, Western Blot 1:1,000 - 1:5,000, Immunohistochemistry 1:200 - 1:1,000 . (Optimal dilution should be determined by user).
SPECIFICITY:	Minimum Cross reactivity to Human Serum Proteins

Ψ Properties

PURIFICATION:	Alkaline Phosphatase Conjugated Affinity Purified anti-Rat IgG 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. No reaction was observed against Human Serum Proteins.
ISOTYPE:	IgG
CONJUGATE:	Alkaline Phosphatase
PHYSICAL STATE:	Liquid
BUFFER:	0.05M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0; 0.01% (w/v) Sodium Azide; 10 mg/mL Bovine Serum Albumin (BSA)
STORAGE CONDITIONS:	Alkaline Phosphatase Conjugated Affinity Purified anti-Rat IgG can be stored 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 date is one (1) year from date of opening product.

Background and References

REFERENCES:	1) Modified from Avrameas and Ternyrock, <i>Immunochemistry</i> 32; 1175 1971.
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