

## Goat IgG anti-Rat IgG (H+L)-Alk. Phos., MinX Bo,Ck,Go,Gp,Hm,Ho,Hu,Ms,Rb,Sh

### General Information

<b>Catalog Number:</b> SEC-183447	<b>Physical State:</b> Liquid (sterile filtered)
<b>Quantity:</b> 1 mg	<b>Reconstitution Volume:</b>
	<b>Reconstitution Buffer:</b>
	<b>Shipping Conditions:</b> Wet Ice
	<b>Product Expiration:</b> Expiration date is one (1) year from date of opening.

### Antibody Host / Format

<b>Host Species:</b> Goat	<b>Clonality / Isotype / Clone:</b> polyclonal Ig
<b>Antibody Format:</b> IgG whole molecule	<b>Concentration:</b> 1.0 mg/mL by UV absorbance at 280 nm
	<b>Conjugation:</b> Alkaline Phosphatase
	<b>Maximum Excitation / Emission:</b> /

### Specificity

<b>Target Species:</b> Rat	<b>Immunogen:</b> Anti-Rat IgG (H&L) was produced by repeated immunization with Rat IgG whole molecule in goat.
<b>Antibody Specificity:</b> IgG (H+L)	<p>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. No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit and Sheep Serum Proteins.</p> <p><b>Minimal Cross Reactivity:</b> Bovine, Chicken, Goat, Guinea Pig, Hamster generally, Horse, Human, Mouse, Rabbit, Sheep</p>

### Formulation, Transport and Storage

<b>Storage Buffer:</b> 0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0	<b>Stabilizer:</b> 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
	<b>Preservatives:</b> 0.1% (w/v) Sodium Azide
	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

This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use.

#### Manufacturer

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alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.

**Storage Temperature:** 4-8°C

### Application Recommendation

**Application:** ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections), Immunohistochemistry (frozen sections), Western Blot

**Dilution:** ELISA 1:1.000 - 1:13.000, Immunohistochemistry (IHC) 1:200 - 1:1,000, Western Blot (WB) 1:500 - 1:1.500

### Application Note:

Antibody Anti-Rat IgG (H&L) is suitable for immunoblotting (western or dot blot), ELISA, and immunohistochemistry assays requiring lot-to-lot consistency.

### Background Information

Anti-Rat IgG (H&L) antibody generated in goat detects specifically rat IgG (H&L). This secondary antibody anti-Rat is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays.

### Safety Information

This reagent contains sodium azide (a poisonous and hazardous substance) as preservative. Although this concentration is not regarded as dangerous to health, appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. Standard Laboratory Practices should be followed when handling this material.

### Disclaimer

This product is warranted to perform in conformance with product specifications and to be free from defects in material and workmanship. Products are supplied for research use only. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated, this warranty is limited to one year from date of shipment when the product is subjected to normal, proper and intended usage. Buyer's exclusive remedy for non-conforming products during the warranty period is limited to replacement of or refund for the non-conforming product(s). There is no obligation to replace products as the result of accident or disaster or inappropriate use of the products in a manner for which they were not designed, or improper storage and handling of the products.

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