

## Product Information

<b>Catalog Number:</b>	GtxRt-003-EBIO
<b>Product:</b>	Goat anti-Rat IgG (H&L) - Affinity Pure, Biotin Conjugate, min x w/human or mouse IgG
<b>Physical State:</b>	Clear, colorless liquid
<b>Size:</b>	2.0 mg
<b>Antibody Concentration:</b>	1.50 mg/ml (E 1% at 280 nm = 13.0) (concentration lot dependent)
<b>Conjugate:</b>	Biotin (NHS-LC)
<b>Suggested Dilution Range:</b>	1:200 – 1:1.000 Immunofluorescence/ Flow Cytometry 1:500 – 1:5.000 for Histo-/Cytochemistry 1:2.000 – 1:20.000 for ELISA/Western Blot The optimal working dilution should be determined by the investigator.
<b>Buffer:</b>	10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Stabilizer:</b>	1% (w/v) Bovine Serum Albumin (IgG-free, Protease-Free)
<b>Preservative:</b>	0.05% (w/v) Sodium Azide
<b>Purification:</b>	Affinity purified using solid phase Rat IgG
<b>Purity:</b>	Affinity purified antibody is > 95% based on SDS-PAGE
<b>Antibody Specificity:</b>	Based on IEP, this antibody reacts with: <ul style="list-style-type: none"><li>· heavy (<math>\gamma</math>) chains on rat IgG</li><li>· light chains on all rat immunoglobulins</li></ul> Based on IEP, no reactivity is observed to: <ul style="list-style-type: none"><li>· non-immunoglobulin rat serum proteins</li><li>· IgG from human or mouse</li></ul>
<b>Reconstitution and Storage:</b>	Store undiluted liquid at 2-8°C. For storage at -20°C, dilute with an equal volume of glycerol (Molecular Grade, purity >99,5%) to prevent loss of activity. Prepare working dilutions prior to use and then discard. Product is stable for up to 1 year from date of receipt. <b>Note:</b> adding glycerol reduces the stated protein concentration and dilution range by one-half. The expiration date may be extended if test results are acceptable for the intended use.
<b>Safety Information:</b>	Standard Laboratory Practices should be followed when handling this material. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. The antibody contains 0.05% 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.

**Note:** This information sheet contains general product information only. For detailed lot specific information consult the vial label and the data sheet supplied by the manufacturer upon delivery of the product.

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

### Manufacturer:

**ImmunoReagents, Inc.**  
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### Distribution and Support:

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