

## Product Information

<b>Catalog Number:</b>	RbxGt-003-JFITC
<b>Product:</b>	Rabbit anti-Goat IgG (H&L), F(ab)'2 Fragment - Affinity Pure, FITC Conjugate, min x w/human, mouse, or rat IgG
<b>Physical State:</b>	Clear, fluorescent yellow liquid
<b>Size:</b>	0.5 mg
<b>Antibody Concentration:</b>	1.50 mg/ml (E 1% at 280 nm = 13.0) (concentration lot dependent)
<b>Fluorophore:</b>	Fluorescein-5-isothiocyanate (FITC) Amax = 494 nm; Emax = 518 nmFluorescein-5-isothiocyanate (FITC)
<b>Suggested Dilution Range:</b>	1:50 - 1:500 for most applications 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 Goat IgG
<b>Purity:</b>	> 90% based on SDS-PAGE. Small amounts of intact IgG may be present.
<b>Antibody Specificity:</b>	Based on IEP, this antibody reacts with: <ul style="list-style-type: none"><li>· heavy (γ) chains on goat IgG</li><li>· light chains on all goat immunoglobulins</li></ul> Based on IEP, no reactivity is observed to: <ul style="list-style-type: none"><li>· non-immunoglobulin goat serum immunoglobulins</li><li>· IgG from human, mouse or rat</li></ul>
<b>Reconstitution and Storage:</b>	Store undiluted liquid at 2-8°C. For storage in liquid form at -20°C, dilute with an equal volume of glycerol (Molecular Grade, purity >99,5%) to prevent loss of activity. Product is stable for up to 1 year from date of receipt. Prepare working dilution prior to use and then discard. <b>Note:</b> adding glycerol reduces the stated protein concentration and dilution range by one-half.
<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.**

**Warning:** Bovine Serum Albumin (BSA) or dry milk is not suitable for blocking or diluting anti-bovine, anti-goat, anti-sheep or anti-horse IgG antibodies. BSA and dry milk may contain IgG, which react with these antibodies and may cause high background and/or reduce antibody titer. We recommend to use normal serum (5% v/v) from the same host species as the labeled secondary antibody.

### Manufacturer:

**ImmunoReagents, Inc.**  
6003 Chapel Hill Road, Suite 153  
Raleigh, NC 27607, USA

### Distribution and Support:

**dianova GmbH**  
Warburgstr. 45  
20354 Hamburg  
www.dianova.com

**Technical Support:**  
Phone: 040 45 06 70  
Email: [info@dianova.de](mailto:info@dianova.de)

**Ordering Information:**  
Phone: 040 45 06 70  
Fax: 040 45 06 74 90  
Email: [order@dianova.de](mailto:order@dianova.de)