

## Product Information

<b>Catalog Number:</b>	GtxMu-004-J2PE
<b>Product:</b>	Goat F(ab') <sub>2</sub> anti-Mouse IgG, Fc-specific, secondary antibody, conjugated to SureLight® R-Phycoerythrin, 100ug
<b>Physical State:</b>	Lyophilized
<b>Size:</b>	100 µg
<b>Phycobiliprotein Concentration:</b>	R-Phycoerythrin (R-PE) (concentration lot dependent)
<b>Phycoerythrin:</b>	R-PE (R-Phycoerythrin ) Amax = 498 nm, 545 nm, 565 nm; Emax = 580 nm
<b>Suggested Dilution Range:</b>	1:20 - 1:200 for most applications The optimal working dilution should be determined by the investigator.
<b>Buffer:</b>	100 nM Sodium Phosphate (pH 7.4), 100 nM NaCl, 50 mM Sucrose
<b>Stabilizer:</b>	0.1% (w/v) Bovine Serum Albumin (IgG-free, Protease-Free)
<b>Preservative:</b>	2 mM Sodium Azide
<b>Purification:</b>	Affinity purified using solid phase Mouse IgG
<b>Purity:</b>	> 95% based on SDS-PAGE
<b>Reconstitution and Storage:</b>	Store freeze-dried powder at 2-8 °C, in the dark, do not freeze. Rehydrate with deionized water (amount is lot dependent). Vortex gently and allow vial to sit on ice for 20 minutes. Avoid exposure to heat and light. Lyophilized material is stable for up to one year. After product has been reconstituted, product should be stored at 2-8 °C in the dark and be used within 3 months. If further dilution of the conjugate is required, use diluted material within one week. <b>Note:</b> DO NOT FREEZE! Phycobiliproteins are sensitive to freeze-thaw cycles.
<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 2mM 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.**  
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)