

## Product Information

<b>Catalog Number:</b>	GtxMu-003-L2HRPX
<b>Product:</b>	Goat anti-Mouse IgG (H&L) - F(ab) <sup>2</sup> fragment, HRP Conjugate, min x w/bovine, goat, human, rabbit, or rat IgG (highly absorbed against rat IgG)
<b>Physical State:</b>	Lyophilized
<b>Size:</b>	0.5 mg
<b>Antibody Concentration:</b>	1.0 mg/ml (E 1% at 280 nm = 13.2) (concentration lot dependent)
<b>Conjugation:</b>	Horseradish Peroxidase
<b>Suggested Dilution Range:</b>	1:500 - 1:5.000 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>	0.1% (v/v) Kathon CG
<b>Purification:</b>	Affinity purified using solid phase Mouse 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 mouse IgG</li><li>· light chains on all mouse immunoglobulins</li></ul> Based on IEP, no reactivity is observed to: <ul style="list-style-type: none"><li>· non-immunoglobulin mouse serum proteins</li><li>· bovine, goat, human, rabbit or rat IgG</li></ul> Based on ELISA, this antibody has < 1% reactivity to: rat IgG
<b>Reconstitution and Storage:</b>	Store freeze-dried powder at 2-8 °C. Product is stable for up to 4 weeks at 2-8°C after rehydration. For extended storage, aliquot and freeze at -70°C or below. Avoid repeated freezing and thawing. Alternatively, add an equal volume of glycerol (Molecular Grade, purity > 99,5%) and store at -20°C in liquid form. <b>Note:</b> adding glycerol reduces the stated protein concentration and dilution range by one-half. Under long-term storage the rehydrated antibody is stable for one year from date of rehydration. <b>Warning: Confirm that glycerol is non-contaminated and of high-quality (Molecular Grade, purity &gt; 99,5%) before adding to this product. Use of low quality and/ or contaminated glycerol may seriously inhibit peroxidase enzyme activity.</b>
<b>Safety Information:</b>	The product contains no hazardous constituents. Standard Laboratory Practices should be followed when handling this material.

**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)