

## Product Information

<b>Catalog Number:</b>	DkxGt-003-EHRPX
<b>Product:</b>	Donkey anti-Goat IgG (H&L) - Affinity Pure, HRP Conjugate, min x w/human, mouse, rabbit or rat IgG
<b>Physical State:</b>	Lyophilized
<b>Size:</b>	1.0 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 Goat 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 (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, rabbit or rat</li></ul>
<b>Reconstitution and Storage:</b>	Store freeze-dried powder at 2-8 °C. Rehydrate with 1.1 ml of deionized water and let stand 30 minutes at room temperature to dissolve. (Product has been overfilled to ensure complete recovery.) Centrifuge to remove any particulates. Prepare fresh working dilution daily. 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.**

**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)