

Product Information

Catalog Number:	DkxSh-003-GHRPX
Product:	Donkey anti-Sheep IgG (H&L) - F(ab) ² Fragment, HRP Conjugate
Physical State:	Lyophilized
Size:	0.5 mg
Antibody Concentration:	1.0 mg/ml (E 1% at 280 nm = 13.2) (concentration lot dependent)
Conjugation:	Horseradish Peroxidase
Suggested Dilution Range:	1:500 - 1:5.000 for most applications The optimal working dilution should be determined by the investigator.
Buffer:	10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Stabilizer:	1% (w/v) Bovine Serum Albumin (IgG-free, Protease-Free)
Preservative:	0.1% (v/v) Kathon CG
Purification:	Affinity purified using solid phase Sheep IgG
Purity:	> 90% based on SDS-PAGE Small amounts of intact IgG may be present.
Antibody Specificity:	Based on IEP, this antibody reacts with: <ul style="list-style-type: none">· heavy (γ) chains on sheep IgG· light chains on all sheep immunoglobulins Based on IEP, no reactivity is observed to: <ul style="list-style-type: none">· non-immunoglobulin sheep serum proteins
Reconstitution and Storage:	Store freeze-dried powder at 2-8 °C. Rehydrate with 0.55 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. Note: 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. Warning: Confirm that glycerol is non-contaminated and of high-quality (Molecular Grade, purity > 99,5%) before adding to this product. Use of low quality and/ or contaminated glycerol may seriously inhibit peroxidase enzyme activity.
Safety Information:	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.
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Raleigh, NC 27607, USA

Distribution and Support:

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