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## Certificate of Analysis

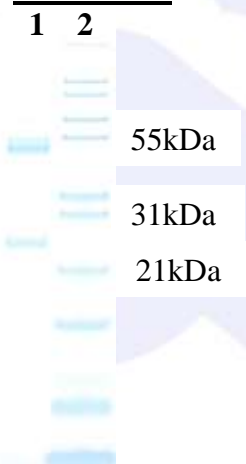
Product:	Donkey anti-Rabbit IgG (H&L), DyLight <sup>®</sup> 594 Conjugate
Part Number:	DkxRb-003-E594NHSX
Lot Number:	80-60-020821
Amount:	1.0 mg of antibody lyophilized (E <sup>1%</sup> at 280 nm = 13.0)
Form:	Lyophilized
Fluorophore:	DyLight <sup>®</sup> 594 (Ex = 593 nm; Em = 618 nm)
Fluor/Protein Ratio:	4.0 Moles DyLight <sup>®</sup> 594 per Mole Antibody
Purification:	Antibody was affinity purified using solid phase Rabbit IgG
Purity:	Affinity purified antibody is ≥ 95 % based on SDS-PAGE
Host:	Donkey
Immunogen:	Purified Rabbit IgG, whole molecule
Buffer:	10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free
Preservative:	0.05 % (w/v) Sodium Azide
Reconstitution:	Rehydrate with 1.1 ml of deionized water. Allow reconstituted product to stand for at least 30 minutes at room temperature prior to dilution. If necessary, centrifuge to remove any particulates. Prepare fresh working dilution daily.
Storage:	Store freeze dried powder at 2-8 °C.
Shelf Life:	Product is stable for up to 4 weeks at 2-8 °C after rehydration. For extended storage after rehydration, add an equal volume of glycerol and store at -20 °C.
Specificity:	Based on IEP, this antibody reacts with: <ul style="list-style-type: none"><li>• heavy (γ) chains on Rabbit IgG</li><li>• light chains on all Rabbit immunoglobulins</li></ul>
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none"><li>• non-immunoglobulin Rabbit serum proteins</li><li>• Mouse IgG or serum proteins</li></ul>
Country of Origin:	Donkey serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
Note:	Conjugate was prepared using Part # DkxRb-003-E, lot #36-151-042516.
Applications:	This conjugate is suitable for immunomicroscopy and flow cytometry. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s): <ul style="list-style-type: none"><li>• 1:20 – 1:2,000 for most applications</li></ul>
Disclaimer:	<i>For in vitro Laboratory Use Only.</i> Not for diagnostic or therapeutic use. Not for human or animal consumption. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license under any patent of ImmunoReagents, Inc. <b>Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.</b>

## Testing Results

**PRODUCT:** Donkey anti-Rabbit IgG (H&L), DyLight® 594 Conjugate  
**PART NUMBER:** DkxRb-003-E594NHSX  
**LOT NUMBER:** 80-60-020821

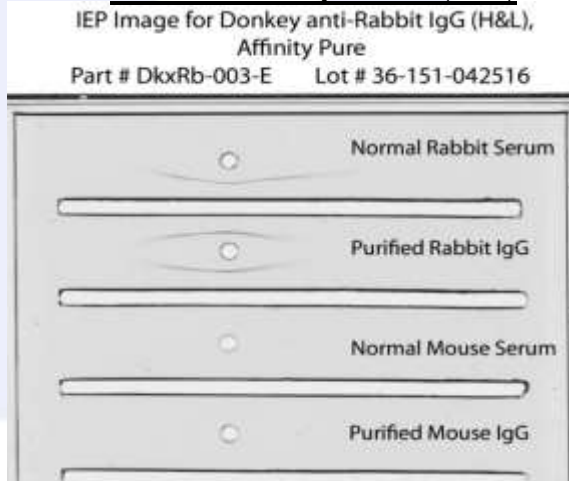
<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Red to purple powder	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none"> <li>• heavy (γ) chains on Rabbit IgG</li> <li>• light chains on all Rabbit immunoglobulins</li> </ul>	PASS PASS
Cross Reactivity:	Based on IEP, no precipitin bands are observed to: <ul style="list-style-type: none"> <li>• non-immunoglobulin Rabbit serum proteins</li> <li>• Mouse IgG or serum proteins</li> </ul>	PASS PASS
FLISA:	Mean fluorescent value of 8 μg/ml of DyLight® conjugate when tested against Rabbit IgG coated at 4 μg/ml	865 MFI's

**SDS-PAGE**



- 1) DkxRb-003-E, Lot # 36-151-042516
- 2) Mol Weight Standard

**Immuno-electrophoresis (IEP)**



Date: February 15, 2021

Signature: \_\_\_\_\_  
Quality Control