

## Certificate of Analysis

Product: Rabbit anti-Human IgG (H&L), Affinity Pure

Part Number: RbxHu-003-D  
Lot Number: 86-61-012021  
Concentration: 20.0 mg/ml (E<sup>1%</sup> at 280 nm = 13.0)  
Amount: 2.0 mg  
Form: Clear, colorless liquid, 0.2 µm filtered  
Purification: Affinity purified using solid phase Human IgG  
Purity: ≥ 95% based on SDS-PAGE  
Host: Rabbit  
Immunogen: Purified Human IgG, whole molecule  
Buffer: 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2  
Preservative: 0.05 % (w/v) Sodium Azide  
Storage: 2-8 ° C  
Expiration Date: January 20, 2024  
Specificity: Based on IEP, this antibody reacts with:

- heavy (γ) chains on human IgG
- light chains on all human immunoglobulins

Cross Reactivity: Based on IEP, no reactivity is observed to:

- non-immunoglobulin human serum proteins

Country of Origin: Rabbit serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.

Applications: This antibody is suitable for use in most immunoassay formats for the detection of Human IgG or as a capture antibody in ELISA type formats. This antibody is suitable for use in Western ImmunoBlots and ImmunoHistoChemistry (IHC). This antibody will cross react with IgG from other species. The optimal working dilution should be determined by the investigator.

Disclaimer: *For in vitro Laboratory Use Only.* 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.

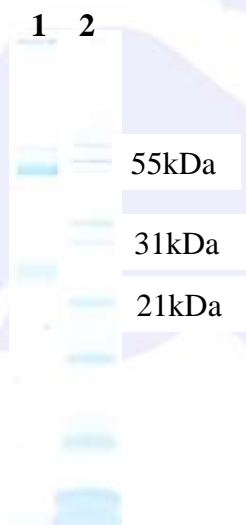
**Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.**

## Testing Results

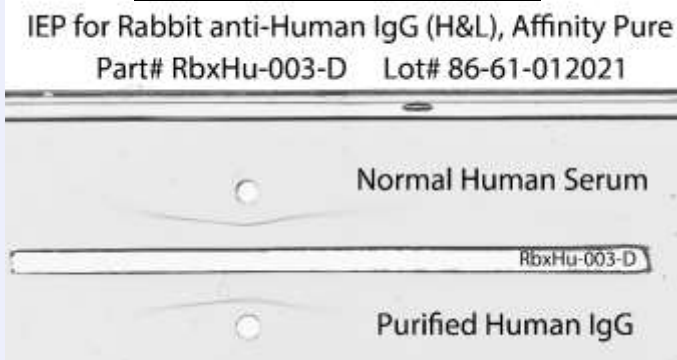
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<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear and Colorless	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none"><li>heavy (<math>\gamma</math>) chains on human IgG</li><li>light chains on all human immunoglobulins</li></ul>	PASS PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none"><li>non-immunoglobulin human serum proteins</li></ul>	PASS

### SDS PAGE



### Immuno-electrophoresis (IEP)



- 1) RbxHu-003-D, Lot # 86-61-012021
- 2) Mol Weight Standard

Date: January 26, 2021

Signature:  Quality Control