

Certificate of Analysis

Product: Rabbit anti-Rat IgG (H&L), Affinity Pure
Part Number: RbxRt-003-E
Lot Number: 70-93-102919
Concentration: 10.0 mg/ml (E^{1%} at 280 nm = 14.0)
Amount: 1.0 mg
Form: Clear, colorless liquid, 0.2 µm filtered
Purification: Affinity purified using solid phase Rat IgG
Purity: ≥ 95% based on SDS-PAGE
Host: Rabbit
Immunogen: Purified Rat 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: October 29, 2021

Specificity: Based on IEP, this antibody reacts with:

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

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

- non-immunoglobulin rat serum proteins
- 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 rat IgG. This antibody is suitable for assays containing human serum. 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.

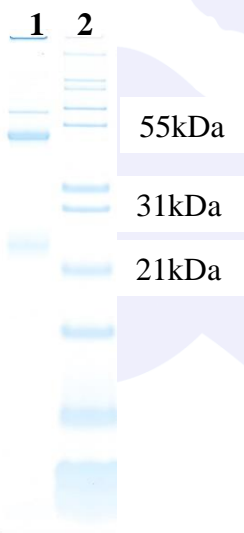
Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

PRODUCT: Rabbit anti-Rat IgG (H&L), Affinity Pure
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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 against:	
	<ul style="list-style-type: none"> • heavy (γ) chains on rat IgG • light chains on all rat immunoglobulins 	PASS PASS
Cross Reactivity	Based on IEP, no precipitin bands are observed to:	
	<ul style="list-style-type: none"> • non-immunoglobulin rat serum proteins • human serum proteins 	PASS PASS

SDS PAGE



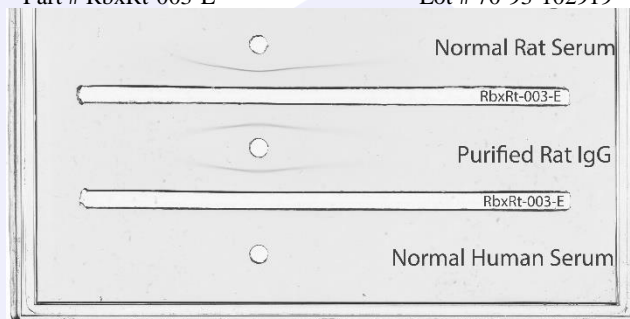
- 1) RbxRt-003-E, Lot # 70-93-102919
- 2) Mol Weight Standard

Immunoelectrophoresis (IEP)

IEP for Rabbit anti-Rat IgG, Affinity Pure

Part # RbxRt-003-E

Lot # 70-93-102919



Date: November 5, 2019

Signature: _____


Quality Control