

Certificate of Analysis

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

Part Number: RbxGt-003-E
Lot Number: 70-2-020619
Concentration: 10.0 mg/ml ($E^{1\%}$ at 280 nm = 13.0)
Amount: 50 mg
Form: Clear, colorless liquid, 0.2 μ m filtered
Purification: Affinity purified using solid phase Goat IgG
Purity: $\geq 95\%$ based on SDS-PAGE
Host: Rabbit
Immunogen: Purified Goat 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: February 6, 2022
Specificity: Based on IEP, this antibody reacts with:

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

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

- non-immunoglobulin goat serum proteins
- human, mouse, or rat IgG

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 Goat 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 goat 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.

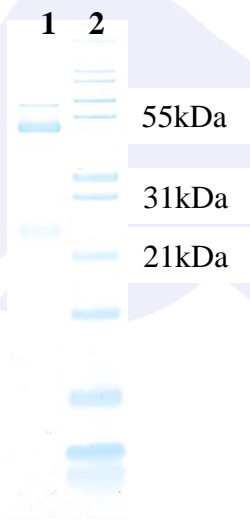
Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

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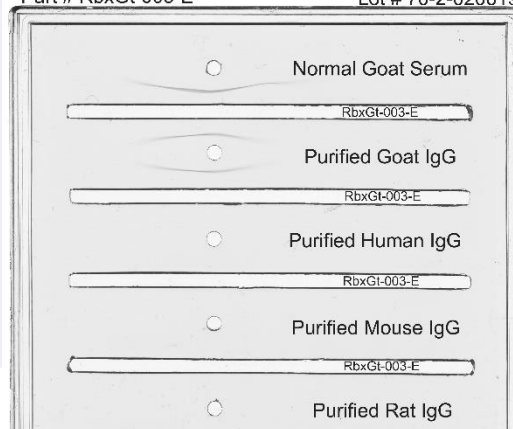
<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear and Colorless	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none">heavy (γ) chains on goat IgGlight chains on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

SDS PAGE



Immunoelectrophoresis (IEP)

IEP for Rabbit anti-Goat IgG (H&L), Affinity Pure
Part # RbxGt-003-E Lot # 70-2-020619



- 1) RbxGt-003-E, Lot # 70-2-020619
- 2) Mol Weight Standard

Date: February 13, 2019

Signature: _____

Quality Control