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## Certificate of Analysis

Product:	Goat anti-Rabbit IgG (H&L), TRITC Conjugate
Part Number:	GtxRb-003-DRHOX
Lot Number:	68-32-010919
Amount:	1.0 mg of antibody at 1.00 mg/ml ( $E^{1\%}$ at 280 nm = 13.0)
Form:	Lyophilized
Fluorophore:	Tetramethylrhodamine-5-isothiocyanate (TRITC) Ex = 550 nm; Em = 570 nm
Fluor/Protein Ratio:	1.6 Moles TRITC per Mole Antibody
Purification:	Antibody was affinity purified using solid phase Rabbit IgG
Purity:	Affinity purified antibody is $\geq 95\%$ based on SDS-PAGE
Host:	Goat
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 at room temperature for at least 30 minutes prior to dilution. If necessary, centrifuge to remove any particulates. Prepare fresh working dilution daily.
Storage:	Store lyophilized material at 2-8 °C. For storage at -20 °C after reconstitution, dilute with an equal volume of glycerol to prevent loss of enzymatic activity. Prepare working dilution prior to use and then discard.
Shelf Life:	1 year from date of receipt
Specificity:	Based on IEP, this antibody reacts with: <ul style="list-style-type: none"><li>• heavy (<math>\gamma</math>) 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></ul>
Country of Origin:	Goat antiserum was obtained from animals of US origin and under the care of a registered veterinarian.
Note:	This conjugate was prepared using Part # GtxRb-003-D, Lot # 41-191-091217.
Applications:	This conjugate is suitable for immuno-microscopy 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. The proper selection and use of our products is the sole responsibility of the end user, and therefore we can offer no guarantee to a specific experimental outcome. 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:** Goat anti-Rabbit IgG (H&L), TRITC Conjugate  
**PART NUMBER:** GtxRb-003-DRHOX  
**LOT NUMBER:** 68-32-010919

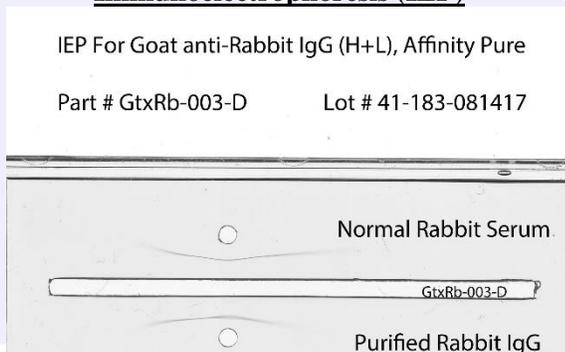
<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Pink fluorescent powder	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody reacts with: <ul style="list-style-type: none"> <li>• heavy (<math>\gamma</math>) chains on Rabbit IgG</li> <li>• light chains on all Rabbit immunoglobulins</li> </ul>	PASS PASS
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none"> <li>• non-immunoglobulin Rabbit serum proteins</li> </ul>	PASS
FLISA:	Mean fluorescent value of 8 $\mu$ g/ml of TRITC conjugate when tested against normal Rabbit IgG coated at 4 $\mu$ g/ml	488 MFI's
F.I.T.:	Mean fluorescent intensity of a 1:1000 dilution at Ex-550 nm (+/-9)/Em-570 nm (+/-9)	330 MFI's

### SDS-PAGE



- 1) GtxRb-003-D, Lot # 41-191-091217  
 2) Mol Weight Standard

### Immunoelectrophoresis (IEP)



Date: January 16, 2019

Signature: *John Alt*  
 Quality Control