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### Certificate of Analysis

Product: Goat anti-Rabbit IgG (H&L), DyLight® 680 Conjugate

Part Number: GtxRb-003-D680NHSX

Lot Number: 81-6-082520

Amount: 1.0 mg of antibody lyophilized ( $E^{1\%}$  at 280 nm = 13.0)  
Product has been overfilled to ensure maximum recovery)

Fluorophore: DyLight® 680 NHS Ester (Ex = 680 nm; Em = 715 nm)

Fluor/Protein Ratio: 2.7 Moles DyLight® 680 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 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 lyophilized 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:

- heavy ( $\gamma$ ) chains on rabbit IgG

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

- light chains on all rabbit immunoglobulins
- non-immunoglobulin rabbit serum proteins

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

Note: This conjugate prepared using Part # GtxRb-003-D, lot # 67-73-061419

Applications: This conjugate is suitable for immunomicroscopy and flow cytometry. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s):

- 1:20 – 1:2,000 for most applications

Disclaimer: *For in vitro Laboratory Use Only.* Not for diagnostic or therapeutic use. Not for rabbit 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.

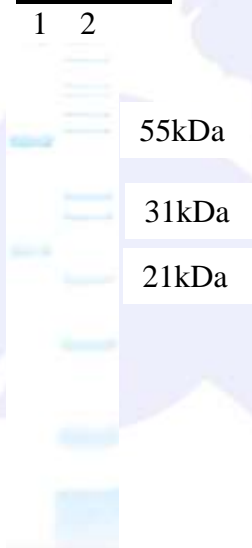
**Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.**

## Testing Results

**PRODUCT:** Goat anti-Rabbit IgG (H&L), DyLight® 680 Conjugate  
**PART NUMBER:** GtxRb-003-D680NHSX  
**LOT NUMBER:** 81-6-082520

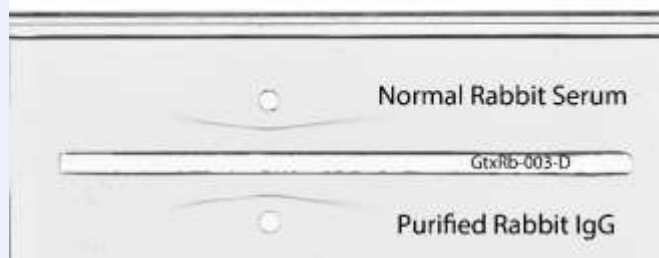
<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Blue fluorescent powder	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none"><li>heavy (<math>\gamma</math>) chains on rabbit IgG</li></ul>	PASS
Cross Reactivity:	Based on IEP, no precipitin bands are observed to: <ul style="list-style-type: none"><li>light chains on all rabbit immunoglobulins</li><li>non-immunoglobulin rabbit serum proteins</li></ul>	PASS PASS

### SDS PAGE



### Immunoelectrophoresis (IEP)

IEP For Goat anti-Rabbit IgG (H+L), Affinity Pure  
Part # GtxRb-003-D Lot # 67-73-061419



- 1) GtxRb-003-D, Lot # 67-73-061419
- 2) Mol Weight Standard

Date: September 18, 2020

Signature:   
Quality Control