
Certificate of Analysis

Product: Goat anti-Chicken IgY (H&L), DyLight® 633 Conjugate

Part Number: GtxCk-003-D633NHSX
Lot Number: 70-109-121019
Amount: 1.0 mg of lyophilized antibody (E^{1%} at 280 nm = 13.0)
(Product has been overfilled to ensure maximum recovery)

Fluorophore: DyLight® 633 (Ex = 638 nm; Em = 658 nm)
Fluor/Protein Ratio: 5.1 Moles DyLight® 633 per Mole Antibody
Purification: Antibody was affinity purified using solid phase Chicken IgY
Purity: Affinity purified antibody is ≥ 95 % based on SDS-PAGE
Host: Goat
Immunogen: Purified Chicken IgY, 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:

- heavy (γ) chains on Chicken IgY
- light chains on all Chicken immunoglobulins

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

- non-immunoglobulin Chicken 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 was prepared using Part # GtxCk-003-D, Lot # 65-161-061919

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 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.

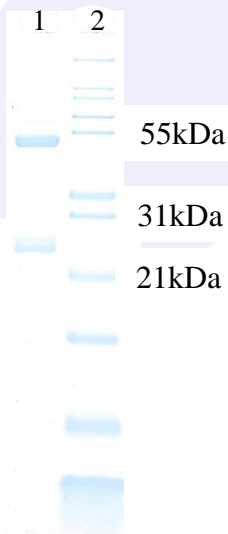
Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

PRODUCT: Goat anti-Chicken IgY (H&L), DyLight® 633 Conjugate
PART NUMBER: GtxCk-003-D633NHSX
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<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Green 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"> • heavy (γ) chains on Chicken IgY • light chains on all Chicken immunoglobulins 	PASS PASS
Cross Reactivity:	Based on IEP, no precipitin bands are observed to: <ul style="list-style-type: none"> • non-immunoglobulin Chicken serum proteins 	PASS
FLISA:	Mean fluorescent value of 8 μ g/ml of DyLight® conjugate when tested against Chicken IgY coated at 4 μ g/ml	289 MFI's
F.I.T.:	Mean fluorescent intensity of a 1:1000 dilution at Ex-638 nm (+/-9)/Em-658 nm (+/-9)	284 MFI's

SDS-PAGE



- 1) GtxCk-003-D, Lot # 65-161-061919
- 2) Mol Weight Standard

Date: January 2, 2020

Signature: _____
 Quality Control

Immunoelectrophoresis (IEP)

IEP for Goat anti-Chicken IgY (H&L), Affinity Pure

Part # GtxCk-003-D

Lot # 65-161-061919

