
Certificate of Analysis

Product: Donkey anti-Rabbit IgG (H&L), DyLight® 633 Conjugate

Part Number: DkxRb-003-D633NHSX

Lot Number: 70-108-120619

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: 4.7 Moles DyLight® 633 per Mole Antibody

Purification: Antibody was affinity purified using solid phase Rabbit IgG

Purity: Affinity purified antibody is ≥ 95% based on SDS-PAGE

Host: Donkey

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 freeze dried 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 (γ) chains on rabbit IgG
- light chains on all rabbit immunoglobulins

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

- non-immunoglobulin rabbit serum proteins

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

Note: Conjugate prepared using Part # DkxRb-003-D, lot # 67-97-090419

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. 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.

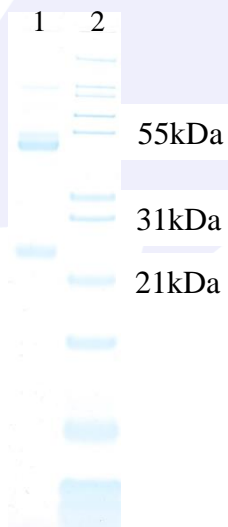
Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

PRODUCT: Donkey anti-Rabbit IgG (H&L), DyLight® 633 Conjugate
PART NUMBER: DkxRb-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 rabbit IgGlight chains on all rabbit immunoglobulins	PASS PASS
Cross Reactivity:	Based on IEP, no precipitin bands are observed to: <ul style="list-style-type: none">non-immunoglobulin rabbit serum proteins	PASS
FLISA:	Mean fluorescent value of 8 μ g/ml of DyLight® conjugate when tested against rabbit IgG coated at 4 μ g/ml.	402 MFI's
F.I.T.:	Mean fluorescent intensity of a 1:1000 dilution at Ex-638 nm (+/-9) / Em-658 nm (+/-9)	256 MFI's

SDS PAGE



- 1) DkxRb-003-D, Lot # 67-97-090419
- 2) Mol Weight Standard

Date: January 2, 2020

Signature: 
Quality Control

Immunoelectrophoresis (IEP)

IEP for Donkey anti-Rabbit IgG (H&L), Affinity Pure

Part # DkxRb-003-D

Lot # 67-97-090419

