

Certificate of Analysis

Product: Donkey anti-Rabbit IgG (H&L), FITC Conjugate

Part Number: DkxRb-003-DFITC
Lot Number: 67-40-030819
Amount: 2.0 mg of antibody at 1.50 mg/ml ($E^{1\%}$ at 280 nm = 13.0)
Fluorophore: Fluorescein-5-isothiocyanate (A_{max} = 494 nm; E_{max} = 518 nm)
Fluor/Protein Ratio: 7.1 Moles FITC per Mole Antibody
Form: Clear, fluorescent yellow liquid
Purification: Antibody was affinity purified using solid phase Rabbit IgG
Purity: Affinity purified antibody is $\geq 95\%$ 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
Storage: Store undiluted liquid at 2 - 8 °C. 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 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 serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
Note: This conjugate was prepared using Part # DkxRb-003-D, Lot # 33-81-022114.
Applications: This conjugate is suitable for use in: FLISA, IF, IM, IHC, FACS. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s):

- 1:20 – 1:2,000 for Immunohistochemistry
- 1:50 – 1:5,000 for Immunocytochemistry

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: Donkey anti-Rabbit IgG (H&L), FITC Conjugate
PART NUMBER: DkxRb-003-DFITC
LOT NUMBER: 67-40-030819

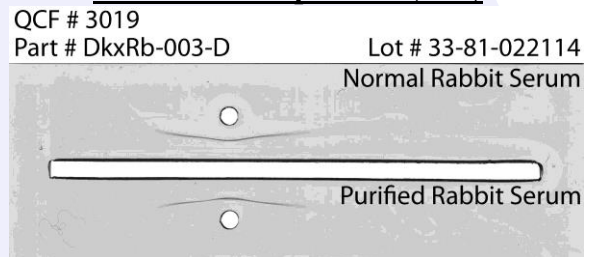
<u>TEST</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear, fluorescent yellow liquid	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none"> • heavy (γ) chains on Rabbit IgG • light 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 $\mu\text{g/ml}$ of FITC conjugate when tested against normal Rabbit IgG coated at 4 $\mu\text{g/ml}$	2204 MFI's
F.I.T.:	Mean fluorescent intensity of a 1:1000 dilution at Ex-488 nm (+/-9)/Em-518 nm (+/-9)	7300 MFI's

SDS-PAGE



- 1) DkxRb-003-D, Lot # 33-81-022114
- 2) Mol Weight Standard

Immuno-electrophoresis (IEP)



Date: March 15, 2019

Signature: _____
Quality Control