

Certificate of Analysis

Product: Rabbit anti-Chicken IgY (H&L), FITC Conjugate

Part Number: RbxCk-003-DFITC
Lot Number: 81-28-111320
Amount: 2.0 mg of antibody at 1.50 mg/ml ($E^{1\%}$ at 280 nm = 13.0)
Fluorophore: Fluorescein-5-isothiocyanate
Amax = 494 nm; Emax = 518 nm
Fluor/Protein Ratio: 7.3 Moles FITC per Mole Antibody
Form: Clear, fluorescent yellow liquid
Purification: Antibody was affinity purified using solid phase Chicken IgY
Purity: Affinity purified antibody is $\geq 95\%$ based on SDS-PAGE
Host: Rabbit
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
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 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: Rabbit antiserum was obtained from animals of US origin and under the care of a registered veterinarian.

Note: This conjugate was prepared using Part # RbxCk-003-D, Lot # 27-151-102213

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

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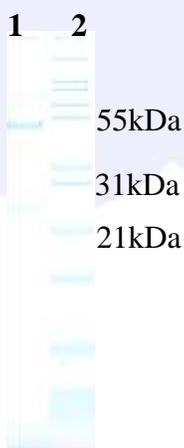
Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

PRODUCT: Rabbit anti-Chicken IgY (H&L), FITC Conjugate
PART NUMBER: RbxCk-003-DFITC
LOT NUMBER: 81-28-111320

<u>TESTS</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 Chicken IgYlight 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 $\mu\text{g/ml}$ of FITC conjugate when tested against normal Chicken IgY coated at 4 $\mu\text{g/ml}$	1697 MFI's

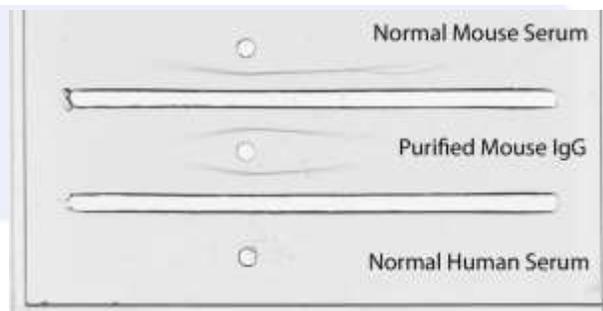
SDS-PAGE



- 1) RbxCk-003-D, Lot # 27-151-102213
- 2) Mol Weight Standard

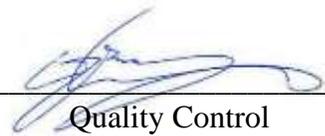
Immunoelectrophoresis (IEP)

IEP Image for Rabbit anti-Mouse IgG (H&L), Affinity Pure
Part # RbxMu-003-E Lot # 20-191-032917



Date: November 19, 2020

Signature: _____


Quality Control