
Certificate of Analysis

Product:	Donkey anti-Rat IgG (H&L), DyLight® 650 Conjugate
Part Number:	DkxRt-003-F650NHSX
Lot Number:	61-143-031320
Amount:	1.0 mg of lyophilized antibody (E ^{1%} at 280 nm = 13.0) (Product has been overfilled to ensure maximum recovery)
Fluorophore:	DyLight® 650 (Ex = 652 nm; Em = 672 nm)
Fluor/Protein Ratio:	3.4 Moles DyLight® 650 per Mole Antibody
Purification:	Antibody was affinity purified using solid phase Rat IgG
Purity:	Affinity purified antibody is ≥ 95 % based on SDS-PAGE
Host:	Donkey
Immunogen:	Purified Rat 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 solution to stand at room temperature for at least 30 minutes to dissolve. Centrifuge to remove any remaining 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: <ul style="list-style-type: none">• heavy (γ) chains on Rat IgG• light chains on all Rat immunoglobulins
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none">• non-immunoglobulin Rat serum proteins• IgG from Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit, or Sheep
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 # DkxRt-003-F, lot # 67-122-120619.
Applications:	This conjugate is suitable for use in: FLISA, WB, IF, IM, FACS. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s): <ul style="list-style-type: none">• 1:20 – 1:2,000 for most applications
Disclaimer:	<i>For in vitro Laboratory Use Only.</i> 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.

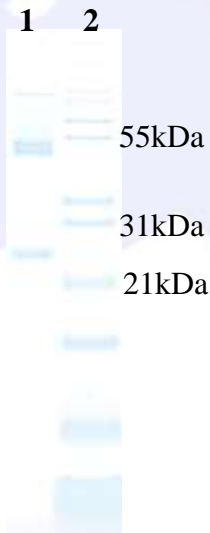
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Testing Results

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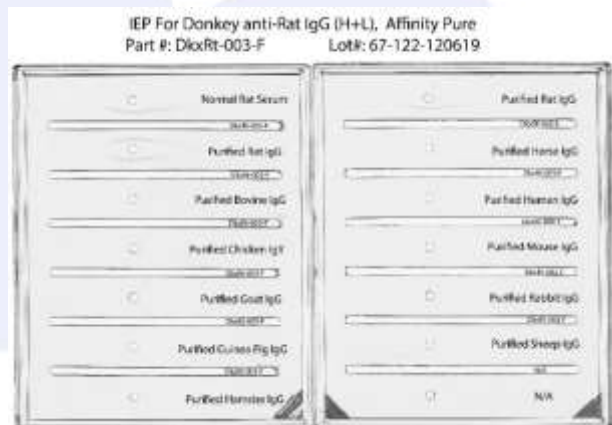
<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Blue fluorescent powder	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none"> • heavy (γ) chains on Rat IgG • light chains on all Rat immunoglobulins 	PASS PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none"> • non-immunoglobulin Rat serum proteins • IgG from Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit, or Sheep 	PASS PASS
FLISA:	Mean fluorescent value of 8 μg/ml of DyLight® conjugate when tested against Rat IgG coated at 4 μg/ml	561 MFI's

SDS-PAGE



- 1) DkxRt-003-F, Lot # 67-122-120619
- 2) Mol Weight Standard

Immuno-electrophoresis (IEP)



Date: March 25, 2020

Signature: Lee Bardsley, Ph.D.
 Quality Control

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