
Certificate of Analysis

Product:	Donkey anti-Sheep IgG (H&L), DyLight® 488 Conjugate
Part Number:	DkxSh-003-F488NHSX
Lot Number:	77-55-060420
Amount:	1.0 mg of antibody lyophilized (E ^{1%} at 280 nm = 13.0) (Product has been overfilled to ensure maximum recovery)
Fluorophore:	DyLight® 488 NHS Ester (Ex = 493 nm; Em = 518 nm)
Fluor/Protein Ratio:	6.3 Moles DyLight® 488 per Mole Antibody
Purification:	Antibody was affinity purified using solid phase Sheep IgG
Purity:	Affinity purified antibody is ≥ 95% based on SDS-PAGE
Host:	Donkey
Immunogen:	Purified Sheep 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: <ul style="list-style-type: none">• heavy (γ) chains on Sheep IgG• light chains on all Sheep immunoglobulins
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none">• non-immunoglobulin Sheep serum proteins• IgG from Human, Mouse or Rabbit
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 # DkxSh-003-F, Lot # 68-139-100719.
Applications:	The optimal working dilution should be determined by the investigator. Suitable for use in: FLISA, FACS, IF, WB, IHC, ICC 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.

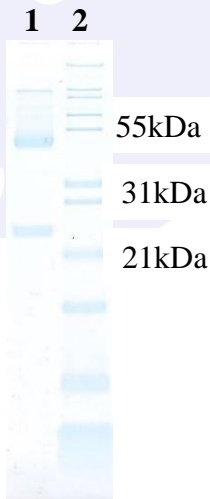
Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

PRODUCT: Donkey anti-Sheep IgG (H&L), DyLight® 488 Conjugate
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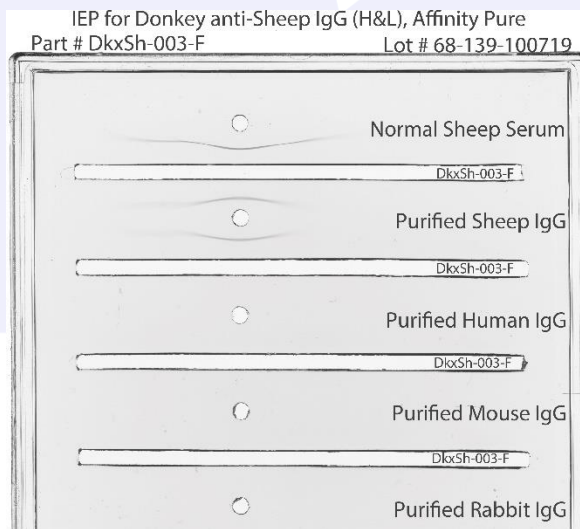
<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Yellowish powder	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none"> • heavy (γ) chains on Sheep IgG • light chains on all Sheep immunoglobulins 	PASS PASS
Cross Reactivity:	Based on IEP, no precipitin bands are observed to: <ul style="list-style-type: none"> • non-immunoglobulin sheep serum proteins • IgG from Human, Mouse or Rabbit 	PASS PASS
FLISA:	Mean fluorescent value of 8μg/ml of DyLight® conjugate when tested against Sheep IgG coated at 4μg/ml.	2392 MFI's

SDS PAGE



- 1) DkxSh-003-F, Lot # 68-139-100719
- 2) Mol Weight Standard

Immuno-electrophoresis (IEP)



Date: June 16, 2020

Signature: _____
 Quality Control