
Certificate of Analysis

Product: Donkey anti-Mouse IgG (H&L), HRP Conjugate

Part Number: DkxMu-003-DHRPX
Lot Number: 79-100-042221
Amount: 1.0 mg of lyophilized antibody (E^{1%} at 280 nm = 13.0)
(Product has been overfilled to ensure maximum recovery)

Label: Horseradish Peroxidase (HRP)
Form: Lyophilized
Purification: Affinity purified using solid phase Mouse IgG
Purity: Affinity purified antibody is ≥ 95 % based on SDS-PAGE
Host: Donkey
Immunogen: Purified Mouse IgG, whole molecule
Buffer: 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2,
1 % (w/v) BSA, Protease/IgG free
Preservative: 0.1 % (v/v) ProClin 150 – *Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase*

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 lyophilized material at 2-8 °C. For long term storage after reconstitution, dilute with 50 % glycerol and store at -20 °C as a liquid. 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 Mouse IgG
- light chains on all Mouse immunoglobulins

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

- non-immunoglobulin Mouse serum proteins

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

Note: This conjugate was prepared using Part # DkxMu-003-D, Lot # 79-57-121720.
Applications: This conjugate is suitable for use in: ELISA, WB, IHC, CL. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s):

- 1:500-1:5,000 for Immunohistochemistry
- 1:200 – 1:5,000 for ELISA/Western blot

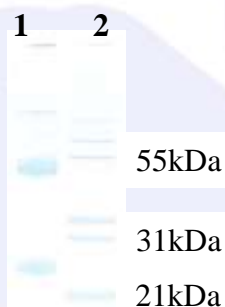
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Testing Results

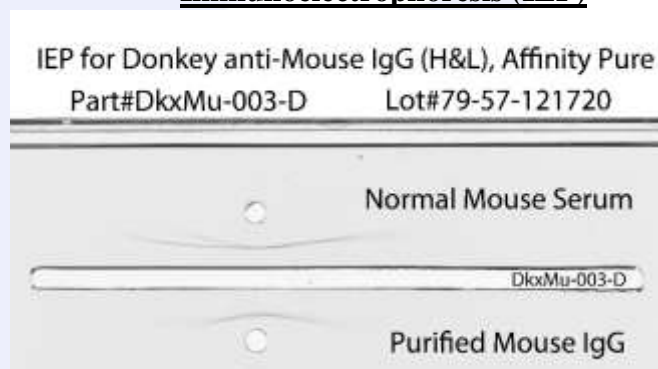
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PART NUMBER: DkxMu-003-DHRPX
LOT NUMBER: 79-100-042221

<u>TEST</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Reddish 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 Mouse IgGlight chains on all Mouse immunoglobulins	PASS PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none">non-immunoglobulin Mouse serum proteins	PASS
ELISA:	Dilution giving an A^{450} reading of ≥ 1.0 when tested against Mouse IgG (H&L) coated at $2 \mu\text{g/ml}$	1: 159,000

SDS-PAGE



Immunoelectrophoresis (IEP)



- 1) DkxMu-003-D, Lot # 79-57-121720
- 2) Mol Weight Standard

Date: May 11, 2021

Signature: _____


Quality Control