
Certificate of Analysis

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

Part Number: RbxMu-003-DHRPX

Lot Number: 75-70-030520

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 $\geq 95\%$ based on SDS-PAGE

Host: Rabbit

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

Note: This conjugate was prepared using Part # RbxMu-003-D, Lot # 68-123-082919.

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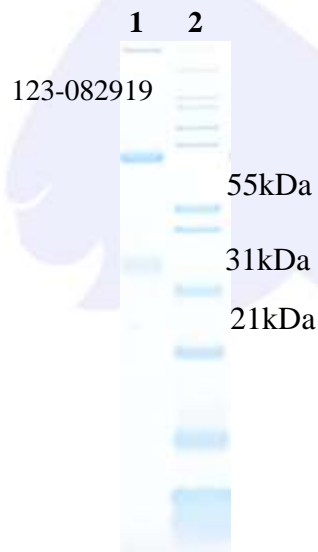
Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

PRODUCT: Rabbit anti-Mouse IgG (H&L), HRP Conjugate
PART NUMBER: RbxMu-003-DHRPX
LOT NUMBER: 75-70-030520

<u>TESTS</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, his antibody has precipitin bands against: <ul style="list-style-type: none">heavy (γ) chains on Mouse IgGlight chains on all Mouse immunoglobulins	PASS PASS
Cross Reactivity	Based on IEP, no precipitin bands are observed to: <ul style="list-style-type: none">non-immunoglobulin Mouse serum proteins	PASS
ELISA:	Dilution giving A^{450} reading of ≥ 1.0 when tested against Mouse IgG (H&L) coated at 2 $\mu\text{g/ml}$	1: 128,000

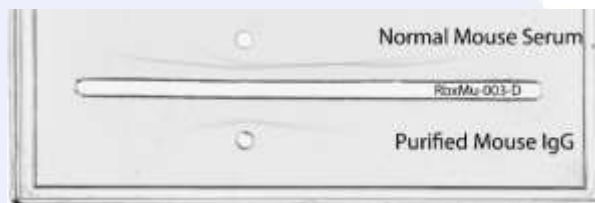
SDS-PAGE



Immunoelectrophoresis (IEP)


IEP Rabbit anti-Mouse IgG (H&L), Affinity Pure
Part # RbxMu-003-D

Lot # 68-



- 1) RbxMu-003-D, Lot # 68-123-082919
- 2) Mol Weight Standard

Date: May 20, 2020

Signature: 
Quality Control