

6003 Chapel Hill Road · Suite # 153 · Raleigh, NC 27607

## **Certificate of Analysis**

| Part Number:RbxMu-003-EHRPXLot Number: $61-99-062118$ Amount: $1.0 mg of lyophilized antibody (E 1% at 280 nm = 13.0)(Product has been overfilled to ensure maximum recovery)Label:Horseradish Peroxidase (HRP)Form:LyophilizedPurification:Affinity purified using solid phase Mouse IgGPurify:Affinity purified antibody is \ge 95 % based on SDS-PAGEHost:RabbitImmunogen:Purified Mouse IgG, whole moleculeBuffer:10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2,1 % (w/v) BSA. Protease/IgG freePreservative:0.1 % (v/v) Kathon CG – Use of Sodium Azide will inhibit enzyme activity ofhorseradish peroxidaseReconstitution:Rehydrate with 1.1 ml of deionized water. Allow reconstituted product to standat room temperature for at least 30 minutes prior to dilution. If necessary,centrifuge to remove any particulates. Prepare fresh working dilution daily.Storage:Storage core lyophilized material at 2.8 °C. For storage at - 20 °C after reconstitution,dilute with an equal volume of glycerol to prevent loss of enzymatic activity.Prepare working dilution prior to use and then discard.I year from date of receiptShelf Life:I year from date of receiptSpecificity:Based on IEP, no reactivity is observed to:• non-immunoglobulin Mouse serum proteinsCountry of Origin:Rabbit antiserum was obtained from healthy animals of US origin and under thecare of a registered veterinarian.This conjugate is suitable for use in: ELISA, WB, IHC, CL. The optimalworking dilutions should be determined by the investigator. Suggested startingdilution(s):• 1:200-1:5,000 fo$   | Product:           | Rabbit anti-Mouse IgG (H&L), HRP Conjugate  |
|---|--------------------|---|
| Lot Number:       61-99-062118         Amount:       1.0 mg of lyophilized antibody (E <sup>1%</sup> at 280 nm = 13.0)<br>(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:       Rabbit         Immunogen:       Purified Mouse IgG, whole molecule         Buffer:       10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2,<br>1 % (w/v) BSA, Protease/IgG free         Preservative:       0.1 % (w/v) Kathon CG – Use of Sodium Azide will inhibit enzyme activity of<br>horseradish peroxidase         Reconstitution:       Rehydrate with 1.1 ml of deionized water. Allow reconstituted product to stand<br>at room temperature for at least 30 minutes prior to of dilution. If necessary,<br>centrifuge to remove any particulates. Prepare fresh working dilution daily.         Storage:       Store lyophilized material at 2 - 8 °C. For storage at - 20 °C after ecconstitution,<br>dilute with an equal volume of glycerol to prevent loss of enzymatic activity.         Prepare working dilution prior to use and then discard.       1 year from date of receipt         Specificity:       Based on IEP, no reactivity is observed to:<br>• non-immunoglobulin Mouse serum proteins         Country of Origin:       Rabbit antiserum was obtained from healthy animals of US origin and under the<br>care of a regis  | Part Number        | RbxMu-003-FHRPX   |
| Amount:       1.0 mg of lyophilized antibody (E <sup>1%</sup> at 280 nm = 13.0)<br>(Product has been overfilled to ensure maximum recovery)         Label:       Horscardish Peroxidase (HRP)         Form:       Lyophilized         Purify:       Affinity purified using solid phase Mouse IgG         Purity:       Affinity purified antibody is ≥ 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) Kathon CG - 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 at room temperature for at least 30 minutes prior to dilution. If necessary, centrifuge to remove any particulates. Prepare fresh working dilution daily.         Storage:       Store lyophilized material at 2 - 8 °C. For storage at - 20 °C after reconstitution, dilute with an equal volume of glycerol to prevent loss of enzymatic activity. Prepare working dilution prior to use and then discard.         Shelf Life:       1 year from date of receipt         Specificity:       Based on IEP, no reactivity is observed to:         • heavy (γ) chains on all Mouse immunoglobulins         Cross Reactivity:       Based on IEP, no reactivity is observed to:         • non-immunoglobulin Mouse serum proteins  |                    |   |
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| dilute with an equal volume of glycerol to prevent loss of enzymatic activity.<br>Prepare working dilution prior to use and then discard.Shelf Life:1 year from date of receiptSpecificity:Based on IEP, this antibody reacts with:<br>• heavy ( $\gamma$ ) chains on Mouse IgG<br>• light chains on all Mouse immunoglobulinsCross Reactivity:Based on IEP, no reactivity is observed to:<br>• non-immunoglobulin Mouse serum proteins<br>• Human serum proteins<br>• Human serum proteinsCountry of Origin:Rabbit antiserum was obtained from healthy animals of US origin and under the<br>care of a registered veterinarian.<br>This conjugate was prepared using Part # RbxMu-003-E, Lot # 41-85-031815.<br>This conjugate is suitable for use in: ELISA, WB, IHC, CL. The optimal<br>working dilution(s):<br>• 1:500-1:5,000 for Immunohistochemistry<br>• 1:200-1:5,000 for ELISA/Western blotDisclaimer:For in vitro Laboratory Use Only. Not for diagnostic or therapeutic use. Not for<br>human or animal consumption. The proper selection and use of our products is<br>the sole responsibility of the end user, and therefore we can offer no guarantee to<br>a specific experimental outcome. Suggested applications of our products are not<br>recommendations to use our products in violation of any patent or as a license<br>under any patent of ImmunoReagents, Inc.  |                    |   |
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| approval of ImmunoReagents, Inc.  |                    | · · ·   |
|   |                    | approval of ImmunoReagents, Inc.  |

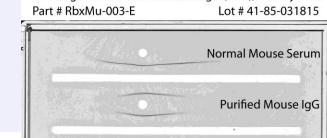
## **\* Immuno**Reagents,Inc.

6003 Chapel Hill Road · Suite # 153 · Raleigh, NC 27607

## **Testing Results**

| PRODUCT:<br>PART NUMBER:<br>LOT NUMBER: | Rabbit anti-Mouse IgG (H&L), HRP Conjugate<br>RbxMu-003-EHRPX<br>61-99-062118   |                              |
|---|---|------------------------------|
| <u>TESTS</u>                            | <b>SPECIFICATIONS</b>   | <u>RESULTS</u>               |
| Appearance:                             | Reddish powder  | PASS                         |
| Purity:                                 | Two predominant bands at 50 and 24 kDa based on SDS-PAGE  | PASS                         |
| Specificity:<br>Cross Reactivity:       | <ul> <li>Based on IEP, this antibody has precipitin bands with:</li> <li>heavy (γ) chains on Mouse IgG</li> <li>light chains on all Mouse immunoglobulins</li> <li>Based on IEP, this antibody does not have precipitin bands to:</li> <li>non-immunoglobulin Mouse serum proteins</li> <li>Human serum proteins</li> </ul> | PASS<br>PASS<br>PASS<br>PASS |
| ELISA:                                  | 170   | 1: 238,500                   |
| SDS-PAGE                                | Immunoelectrophoresis (IEP)IEP Image for Rabbit anti-Mouse IgG (H&L), AffiniPart # RbxMu-003-ELot # 41-85-0   |                              |
| 55k<br>31k                              | Purified Mou  |                              |

21kDa



Normal Human Serum

- RbxMu-003-E, Lot # 41-85-031815 1)
- 2) Mol Weight Standard

Signature: July 2, 2018 Date: Quality Control