

# Product Datasheet

## Rat anti-Mouse IgG2a Heavy Chain Secondary Antibody (LO-MG2a-7) NBP2-68435-250ug

Unit Size: 250 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-68435-250ug****Rat anti-Mouse IgG2a Heavy Chain Secondary Antibody (LO-MG2a-7)**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 250 ug                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                  |
| <b>Clonality</b>                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Clone</b>                       | LO-MG2a-7                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Preservative</b>                | 0.1% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Isotype</b>                     | IgG1                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>                      | Affinity purified                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Buffer</b>                      | PBS                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Host</b>                        | Rat                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>                     | Mouse                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Specificity/Sensitivity</b>     | Rat anti Mouse IgG2a-Biotin, clone LO-MG2a-7, recognizes the gamma 2a heavy chain of mouse immunoglobulin and does not cross-react with other murine immunoglobulin classes or subclasses. The antibody recognizes an allotypic determinant upon mouse IgG2a. It recognizes the IgH1a allotype (as expressed in Balb/c mice), but not the IgH1b allotype (as expressed in C57/BL mice). |
| <b>Immunogen</b>                   | Purified IgG from BALB/c mice                                                                                                                                                                                                                                                                                                                                                           |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Applications</b>                | ELISA                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Recommended Dilutions</b>       | ELISA                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Application Notes</b>           | 5 ug/ml as coating antibody for ELISA.                                                                                                                                                                                                                                                                                                                                                  |



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Secondary Antibodies are guaranteed for 1 year from date of receipt.

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