

**PRODUCT INFORMATION**

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| <b>Clone ID</b>                         | 14E3   |
| <b>Target</b>                           | DM1  |
| <b>Synonyms</b>                         | N/A  |
| <b>Host Species</b>                     | Rabbit   |
| <b>Description</b>                      | Anti-DM1 antibody(14E3); Rabbit mAb  |
| <b>Delivery</b>                         | In Stock   |
| <b>Uniprot ID</b>                       | N/A  |
| <b>IgG type</b>                         | Rabbit IgG   |
| <b>Clonality</b>                        | Monoclonal   |
| <b>Reactivity</b>                       | N/A  |
| <b>Applications</b>                     | ELISA  |
| <b>Recommended Dilutions</b>            | ELISA 1/5000-10000   |
| <b>Purification</b>                     | Purified from cell culture supernatant by affinity chromatography  |
| <b>Formulation &amp; Reconstitution</b> | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.  |
| <b>Storage &amp; Shipping</b>           | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.                    |
| <b>Background</b>                       | N/A  |
| <b>Usage</b>                            | Research use only  |
| <b>Conjugate</b>                        | Unconjugated   |
| <b>DIMA Disclaimer</b>                  | All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement. |



### ELISA assay to evaluate Anti-DM1 Antibody 0.2 $\mu$ g BSA-DM1 per well

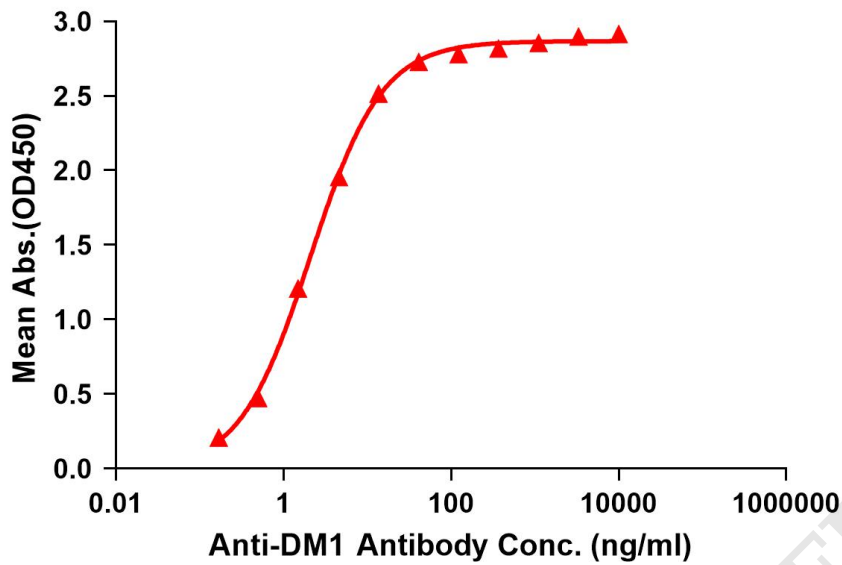


Figure 1. Elisa plates were pre-coated with BSA-DM1 (0.2 $\mu$ g/per well). Serial diluted anti-DM1 monoclonal antibody (DME101062) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-DM1 monoclonal antibody binding with BSA-DM1 is 2.110ng/ml.

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