

PRODUCT INFORMATION

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| Clone ID | 1E6 |
| Target | Dxd |
| Synonyms | N.A. |
| Host Species | Rabbit |
| Description | Anti-Dxd antibody(1E6); Rabbit mAb |
| Delivery | In Stock |
| Uniprot ID | N.A. |
| IgG type | Rabbit IgG |
| Clonality | Monoclonal |
| Reactivity | N.A. |
| Applications | ELISA |
| Recommended Dilutions | ELISA 1:5000-10000 |
| Purification | Purified from cell culture supernatant by affinity chromatography |
| Formulation & Reconstitution | 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. |
| Storage&Shipping | 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. |
| Background | Dxd is a potent anti-cancer drug, acting as an alkaloid camptothecin analog and a DNA topoisomerase I inhibitor. It forms a stable complex with topoisomerase I and DNA, impeding DNA replication and inducing cancer cell death. Dxd is utilized as a payload in specific antibody-drug conjugates (ADCs), with examples such as trastuzumab deruxtecan targeting HER2 and patritumab deruxtecan targeting HER3. |
| Usage | Research use only |
| Conjugate | Unconjugated |
| DIMA Disclaimer | 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 scr |



ELISA assay to evaluate Anti-Dxd Antibody
0.2µg Human IgG-Dxd per well

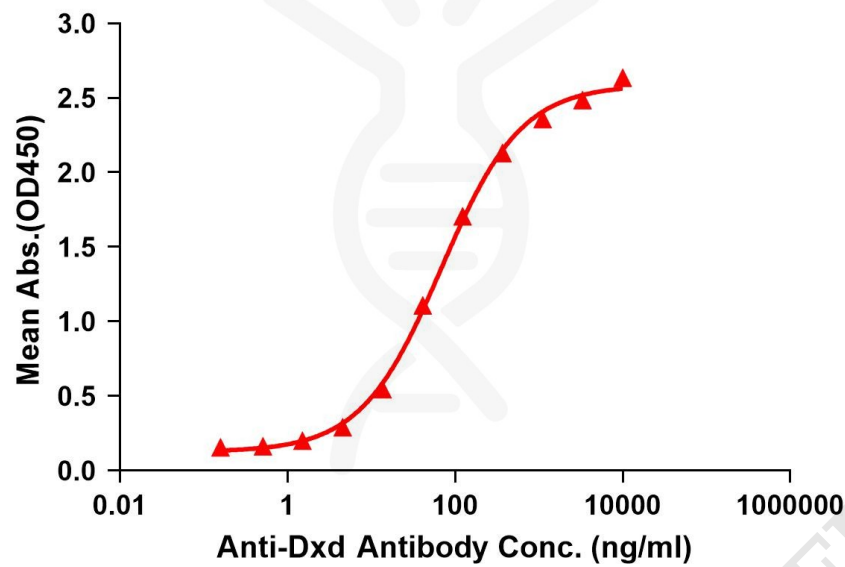


Figure1. Elisa plates were pre-coated with IgG-Dxd (0.2µg/per well). Serial diluted anti-Dxd monoclonal antibody (DME101027) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Dxd monoclonal antibody binding with IgG-Dxd is 68.68ng/ml.

