

## **PRODUCT INFORMATION**

Clone ID 1A5 Dxd **Target** N.A. **Synonyms Host Species** Rabbit

Description Anti-Dxd antibody(1A5); Rabbit mAb

**Delivery** In Stock **Uniprot ID** N.A.

IgG type Rabbit IgG Clonality Monoclonal

N.A. Reactivity **Applications ELISA** 

Recommended **Dilutions** 

**Background** 

ELISA 1:5000-10000

Purified from cell culture supernatant by affinity **Purification** 

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

temperature.

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

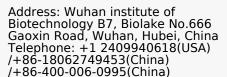
> All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or

**DIMA Disclaimer** reverse engineering attempt is prohibited. We are

actively scrutinizing all patent application to ensure no IP infringement.



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Cat. No. DME101025



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

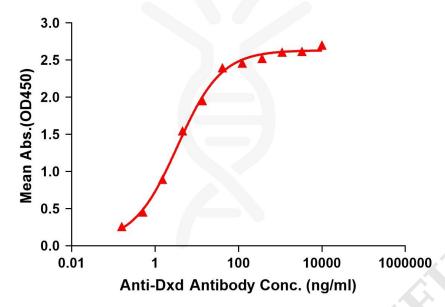


Figure 1. Elisa plates were pre-coated with IgG-Dxd (0.2 $\mu$ g/per well). Serial diluted anti-Dxd monoclonal antibody (DME101025) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Dxd monoclonal antibody binding with IgG-Dxd is 3.447ng/ml.

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