

PRODUCT INFORMATION

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

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

Delivery 2-3 weeks

Uniprot ID N.A.

IgG type Rabbit IgG Clonality Monoclonal

N.A. Reactivity **Applications ELISA**

Recommended **Dilutions**

ELISA 1:5000-10000

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

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation &

Storage & Shipping

Background

- 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 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 deruxteean targeting HER2 and

patritumab deruxtecan targeting HER3.

Usage Research use only

Conjugate Biotinylated

All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under

Email: info@dimabio.com Website: www.dimabio.com

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.





Elisa assay to evaluate Biotinylated Anti-Dxd antibody 0.2μg Human IgG Dxd per well

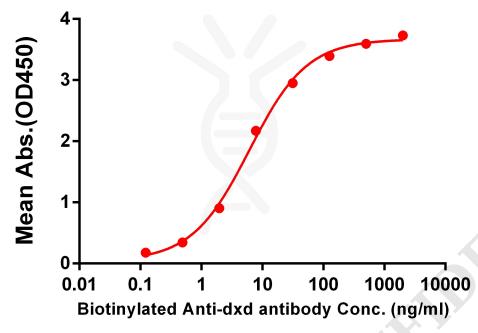


Figure 1. Elisa plates were pre-coated with IgG-Dxd ($0.2\mu g/per$ well). Serial diluted Biotinylated anti-Dxd monoclonal antibody (DME101025B) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for Biotinylated anti-Dxd monoclonal antibody binding with IgG-Dxd is 6.1 ng/ml.



