

PRODUCT INFORMATION

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

PurificationPurified from cell culture supernatant by affinity

chromatography

Formulation & Reconstitution

Storage & Shipping

Background

Usage

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.

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

témperature.

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 antibodydrug conjugates (ADCs), with examples such as trastuzumab deruxtecan targeting HER2 and

patritumab deruxtecan targeting HER3.

Research use only

Conjugate Unconjugated

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

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

DIMA Disclaimer 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-Dxd Antibody 0.2µg Human lgG-Dxd per well

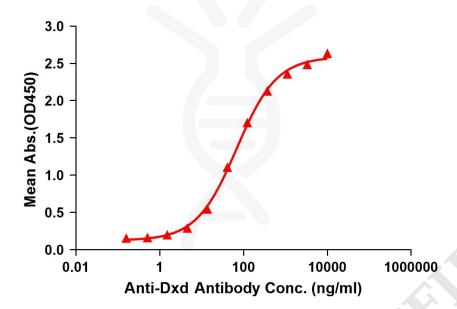


Figure 1. Elisa plates were pre-coated with IgG-Dxd (0.2 μ g/per well). Serial diluted anti-Dxd monoclonal antibody (DME101027) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Dxd monoclonal antibody binding with IgG-Dxd is 68.68ng/ml.

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