

## **PRODUCT INFORMATION**

Warning: Undefined variable ShasAttributeValueDescription in C\\u00e4wwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-print-products\public\class-woocommerce-print-products-public.php on line 2806 109 Clone ID

CL2A N.A. Host Species Rabbit

Anti-CL2A(ADC linker) antibody(1G9); Rabbit mAb Description In Stock

Delivery Uniprot ID N.A. lgG type Rabbit IgG Clonality Monoclonal Reactivity ELISA Applicati Recommend Dilutions ELISA 1:5000-10000

Purification Purified from cell culture supernatant by affinity chromatography

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. Formulation & Reconstitution

Storage & Shipping

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.

CLAs is a crucial component in antibody-drug conjugate (ADC) therapy, acting as a chemical linker that connects a potent DNA topoisomerase I inhibitor, SN-38, to an antibody. Representing Cysteine-Linked 2-Aminoethyl, CL2A features a complex structure with a PEG8 chain, a triazole ring, a PABC-peptide, and a malerimide group. The malerimide group binds to a cysteine residue on the antibody, facilitating largeted drug delivery. Designed release SN-38 in acidic cancer cell environments, CL2A induces DNA damage and cell death. This versatile linker is employed in ADCs targeting variou antigens like Trop-2 or HER2, tailored to specific cancer types.

Research use only Background

Usage

Coniugate

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. DIMA Disclaime

## ELISA assay to evaluate Anti-CL2A Antibody 0.2µg Human IgG-CL2A per well

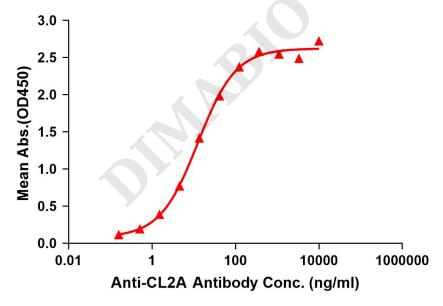


Figure 1. Elisa plates were pre-coated with IgG-CL2A (0.2μg/per well). Serial diluted anti-CL2A monoclonal antibody (DME101022) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EGG CL2A is 13.57 and the Edge Claable and the EC50 for anti-CL2A monoclonal antibody binding with IgG-CL2A is 12.57ng/ml.

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

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China) /+86-400-006-0995(China)