Cat. No. DME101021B



PRODUCT INFORMATION

Clone ID 1H6 CL2A **Target** N.A. **Synonyms** Rabbit **Host Species**

Biotinylated Anti-CL2A(ADC linker) antibody(1H6); Description

Rabbit mAb

Delivery 2-3 weeks

Uniprot ID N.A.

Rabbit IgG IgG type Clonality Monoclonal

Reactivity N.A. **Applications ELISA**

Recommended

Storage & Shipping

Background

ELISA 1:5000-10000 **Dilutions**

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

at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

temperature.

CL2A 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 maleimide group. The maleimide group binds to a cysteine residue on

the antibody, facilitating targeted drug delivery. Designed to release SN-38 in acidic cancer cell environments, CL2A induces DNA damage and cell death. This versatile linker is employed in ADCs targeting various antigens like Trop-2 or

HER2, tailored to specific cancer types.

Usage Research use only

Conjugate Biotinylated

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

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

DIMA Disclaimer reverse engineering attempt is prohibited. We are

actively scrutinizing all patent application to

ensure no IP infringement.



