Cat. No. DME101022B



PRODUCT INFORMATION

Warning: Undefined variable \$hacAttributeValueDescription in CAywwwroot\mirror.dlmablo.com\wp-content\plugins\woocommerce-print-products-public.php on line 2806
109 Clone ID

CL2A Synonyme Host Species Rabbit

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

Delivery 2-3 weeks Uniprot ID lgG type Rabbit IgG Clonality Monoclonal Reactivity ELISA Applicatio Recommended 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

Background

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.

CL24 is a crucial component in ambibody-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, CL24 features a complex structure with a PEGS chain, a triazole ring, a PBAC-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 antipens like Trop-2 or HER2, tailored to specific cancer types.

Research use only

Usage Coniugate

protein sa 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 Disclaimer

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