ANTI-MMAE MONOCLONAL ANTIBODY (8C4)

Anti-MMAE Monoclonal antibody (8C4)

Cat. #: 26104

Size: 100 μL

Description: Anti-MMAE Monoclonal antibody(8C4)

Background: Monomethyl auristatin E (MMAE), a potent mitotic inhibitor derived from dolastatin 10, plays a pivotal role in antibody-drug conjugates (ADCs) for cancer therapy. ADCs precisely target cancer cells, minimizing collateral damage. However, ADC development requires thorough pharmacokinetic and safety assessments. Our specialized anti-MMAE antibodies streamline this process, facilitating PK analysis and safety evaluation. These antibodies are crucial tools for optimizing ADCs, ensuring their effectiveness and safety in revolutionizing cancer treatment.

Immunogen: Monomethyl auristatin E

Applications: ELISA

Recommended Dilutions: ELISA 1:5000-10000

Concentration: 1 mg/ml

Host Species: Rabbit

Clonality: Monoclonal

Clone ID: 8C4

Isotype: Rabbit IgG

Purity: Purified from cell culture supernatant by affinity chromatography

Formulation & Reconstitution: 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.

Storage Conditions: Store at -20ºC to -80ºC for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80ºC (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

ELISA assay to evaluate Anti-MMAE antibody
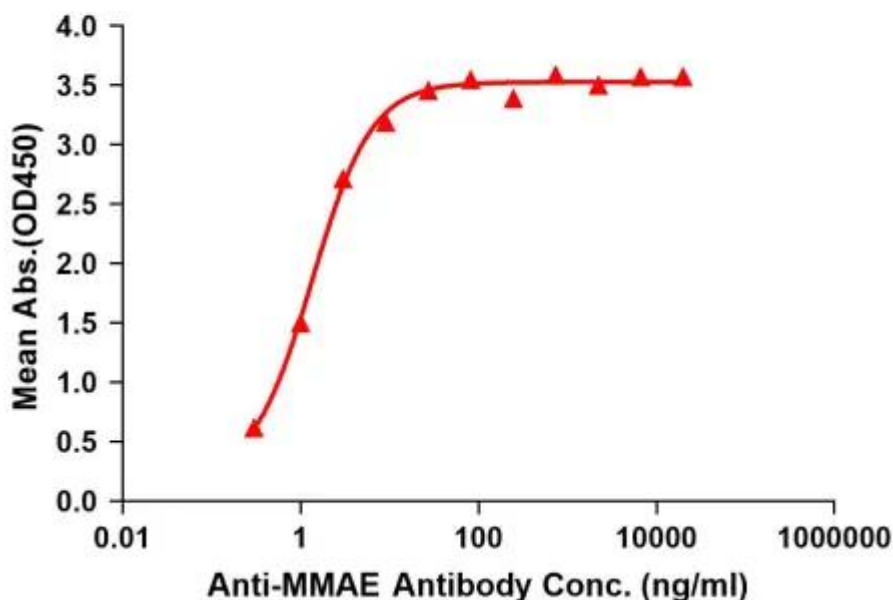### 0.2µg Human IgG-MMAE per well

Figure 1. Elisa plates were pre-coated with IgG-MMAE (0.2 µg/per well). Serial diluted anti-MMAE monoclonal antibody (26104) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-MMAE monoclonal antibody binding with IgG-MMAE is 1.356 ng/ml.