

## ANTI-MMAE MONOCLONAL ANTIBODY (8C4)

### Anti-MMAE Monoclonal antibody (8C4)

**Cat. #:** 26104

**Size:** 100  $\mu$ L

**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  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$  for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at  $-80^{\circ}\text{C}$  (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

## ELISA assay to evaluate Anti-MMAE antibody 0.2 $\mu$ g Human IgG-MMAE per well

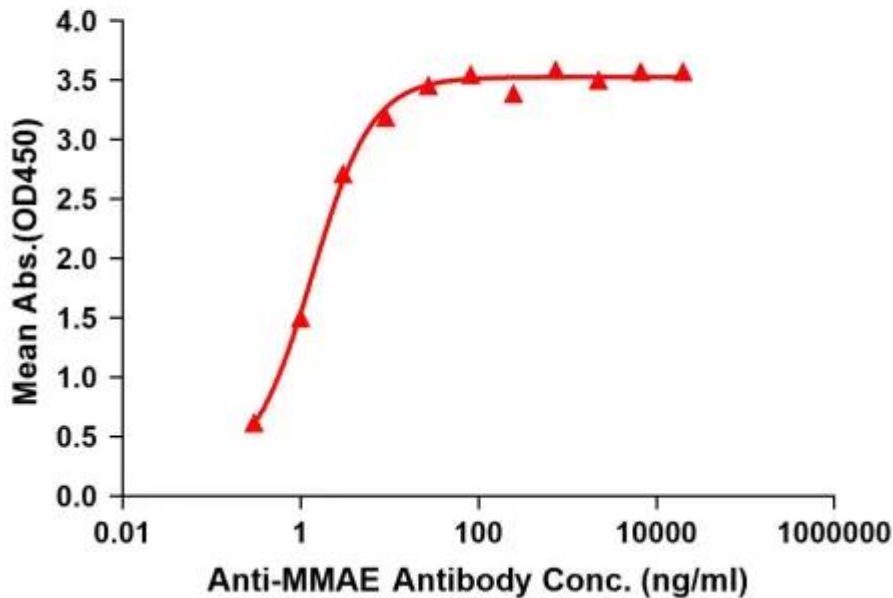


Figure 1. Elisa plates were pre-coated with IgG-MMAE (0.2  $\mu$ g/per well). Serial diluted anti-MMAE monoclonal antibody (26104) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-MMAE monoclonal antibody binding with IgG-MMAE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