

ANTI-MMAE MONOCLONAL ANTIBODY (8B4)**Anti-MMAE Monoclonal antibody (8B4)****Cat. #:** 26105**Size:** 100 µL**Description:** Anti-MMAE Monoclonal antibody(8B4)

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:** 8B4**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°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.

ELISA assay to evaluate Anti-MMAE antibody 0.2 μ g Human IgG-MMAE per well

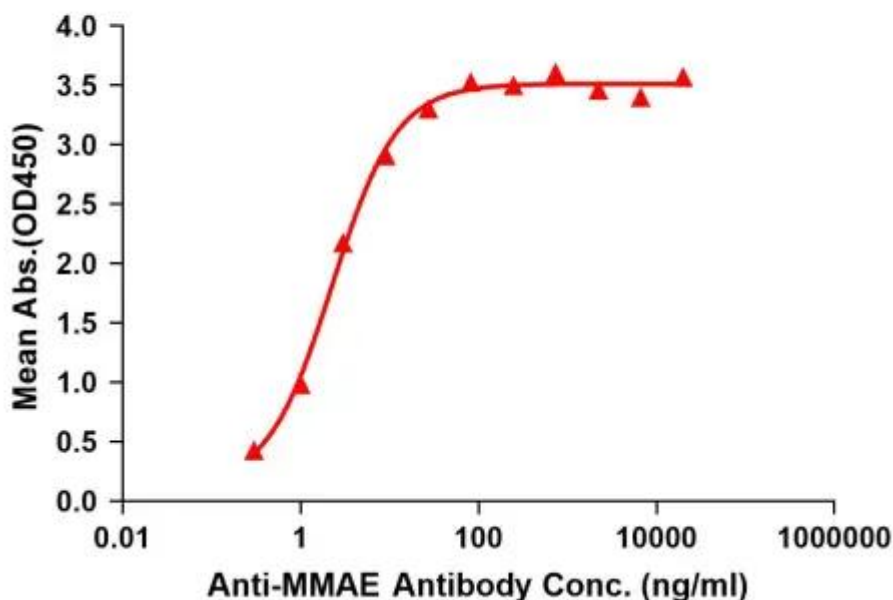


Figure 1. Elisa plates were pre-coated with IgG-MMAE (0.2 μ g/per well). Serial diluted anti-MMAE monoclonal antibody (26105) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC₅₀ for anti-MMAE monoclonal antibody binding with IgG-MMAE is 2.274 ng/ml.