Monomethyl auristatin E (MMAE) Monoclonal Antibody

目录号 Catalog Number	176727
产品描述 Product Description	Product has been tested in direct ELISA.
宿主 Host	Mouse
反应性 Reactivity	Chemical
克隆性 Clonality	Monoclonal
抗体亚型 Ig Type	Mouse IgG1, κ
验证应用 Tested Applications	ELISA

产品信息

制备方法 Preparation	MMAE conjugated with KLH. Protein G affinity purified
剂型 Formulation	PBS(pH7.4), lyophilized. **Reconstitution: Adding sterile water, prepare a stock solution of 2.0 mg/ml.**
储存 Storage	Store at -20℃. Avoid freeze / thaw cycles.

应用与推荐稀释比 Applications & Dilutions

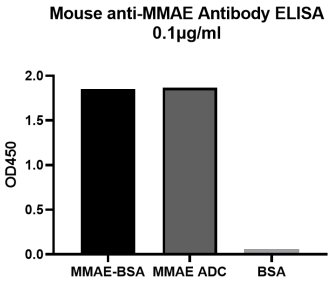
应用 Application	推荐稀释比例 Dilution
ELISA	1:5,000-1:20,000

描述 & 验证

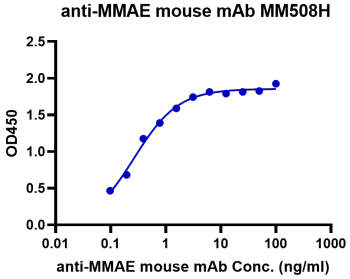
研究背景 Background

Auristatins are synthetic analogs of dolastatin 10 (D10), a highly cytotoxic antineoplastic agent employed for cancer chemotherapy, which is derived from a marine species known as *Dolabella auricularia*. Monomethyl auristatin E (MMAE) and monomethyl auristatin F (MMAF) are identified as the best analogs of dolastatin 10, which bind to microtubules and prevent cell proliferation by inhibiting mitosis. MMAE is one of the most commonly used payloads for developing antibody–drug conjugates (ADC).

验证图片 Validation Images



ELISA Binding Assay of Anti-MMAE Antibody to different proteins.
ELISA analysis of Anti-MMAE Monoclonal Antibody with MMAE-BSA, MMAE ADC and BSA. Anti-MMAE Monoclonal Antibody can bind to MMAE-BSA or MMAE ADC but not carrier protein.



ELISA Binding Assay of Anti-MMAE Antibody
Immobilized MMAE ADC at 2μg/mL (100μL/well) can bind anti-MMAE mouse monoclonal antibody.