Monomethylauristatin F (MMAF) Monoclonal Antibody

目录号 Catalog Number	176728
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 IgG2b, κ
验证应用 Tested Applications	ELISA

产品信息

制备方法 Preparation	MMAF conjugated with BSA. 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

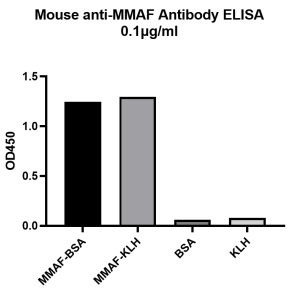
应用 Application	推荐稀释比例 Dilution
ELISA	1:5,000-1:20,000

描述 & 验证

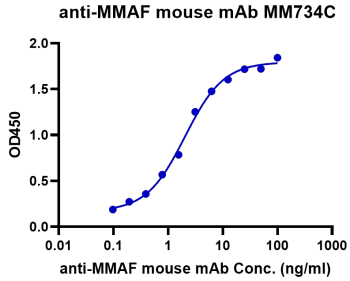
研究背景 Background

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. MMAF and MMAE have their advantages and disadvantages. MMAE is more membrane-permeable and has a lower IC50 than MMAF. However, MMAF is more hydrophilic and has a lower aggregation tendency to show lower systemic toxicity than MMAE.

验证图片 Validation Images



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



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