Mertansine (DM1) Monoclonal Antibody

目录号 Catalog Number	176726
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	DM1 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

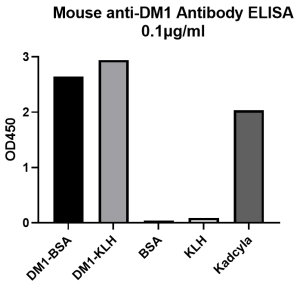
应用 Application	推荐稀释比例 Dilution
ELISA	1:5,000-1:20,000

描述 & 验证

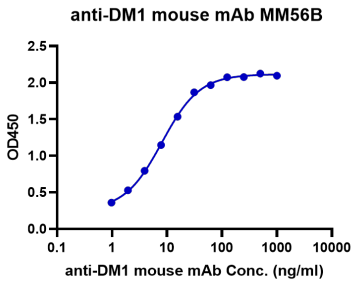
研究背景 Background

Mertansine, also called DM1 or Maytansinoid DM1, is a microtubulin inhibitor and it inhibits the assembly of microtubules by binding to tubulin (at the rhizoxin binding site). Derivatives of maytansine are known as maytansinoids(e.g.: Mertansine(DM1), Ravtansine(DM4)). Mertansine can be attached to a monoclonal antibody with a linker to create an antibody-drug conjugate (ADC).

验证图片 Validation Images



ELISA Binding Assay of Anti-DM1 Antibody to different proteins.
ELISA analysis of Anti-DM1 Monoclonal Antibody with DM1-BSA, DM1-KLH, BSA, KLH and Kadcyla.
Anti-DM1 Monoclonal Antibody can bind to DM1-BSA, DM1-KLH or DM1 ADC but not carrier proteins.



ELISA Binding Assay of Anti-DM1 Antibody
Immobilized DM1 ADC at 1μg/mL (100μL/well) can bind anti-DM1 mouse monoclonal antibody.