SN-38 Monoclonal Antibody

目录号 Catalog Number	176732
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	SN-38 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

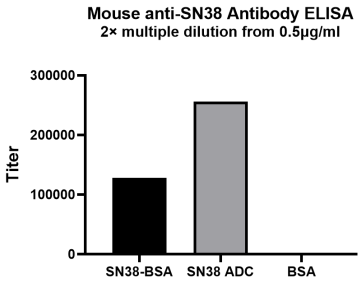
应用 Application	推荐稀释比例 Dilution
ELISA	1:5,000-1:20,000

描述 & 验证

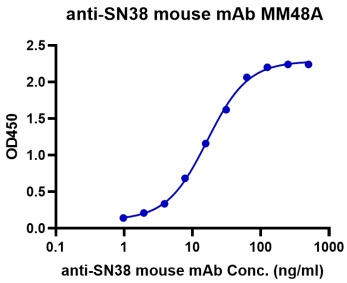
研究背景 Background

7-Ethyl-10-hydroxycamptothecin (SN38), a highly potent metabolite of irinotecan, has an anticancer efficacy 100–1000 folds more than irinotecan *in vitro*. SN-38 is a topoisomerase I inhibitor and SN-38 inhibits DNA and RNA synthesis with IC_{50}s of 0.077 and 1.3 μM, respectively.

验证图片 Validation Images



ELISA Binding Assay of Anti-SN-38 Antibody to different proteins.
ELISA analysis of Anti-SN38 Monoclonal Antibody with SN-38 -BSA, SN-38 ADC and BSA. Anti-SN-38 Monoclonal Antibody can bind to SN-38-BSA or SN-38 ADC but not carrier protein.



ELISA Binding Assay of Anti-SN-38 Antibody
Immobilized SN-38 ADC at 2μg/ /mL (100μL/well) can bind anti-SN-38 mouse monoclonal antibody.