

## Anti-DM1 Mouse mAb

### 产品信息

产品名称	产品编号	规格
Anti-DM1 Mouse mAb	31901ES60	100 µg
	31901ES80	1 mg

### 产品简介

DM1, also known as maytansine, is a microtubulin inhibitor, potentially conjugated with monoclonal antibodies to form antibody-drug conjugates(ADCs). DM1 as the toxin component of ADCs, exhibits strong anti-tumor activity by inhibiting cell division and inducing apoptosis.

### 产品性质

来源	Monoclonal anti-DM1 antibody, is produced from a hybridoma which was obtained from a mouse immunized with DM-1.
缓冲液	1×PBS, pH7.4.
克隆类型	Monoclonal Antibody
亚型	IgG <sub>1</sub>
宿主	Mouse
消光系数	1.4
浓度	1 mg/mL
纯度	>94% as determined by reduced SDS-PAGE >97% as determined by non-reduced SDS-PAGE >98% as determined by SEC-HPLC
活性	EC <sub>50</sub> =8.6 ng/mL by ELISA
应用	ELISA

### 储存条件

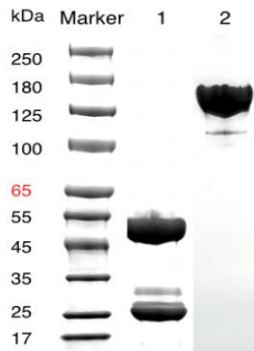
-25~-15°C保存

### 注意事项

1. 避免反复冻融。
2. 本产品仅作科研用途。
3. 为了您的安全和健康，请穿实验服并佩戴一次性手套操作。

## 产品数据

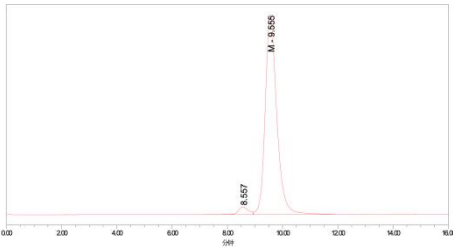
### SDS-PAGE



1. Anti-DM1 mAb (reduced)
2. Anti-DM1 mAb (non-reduced)

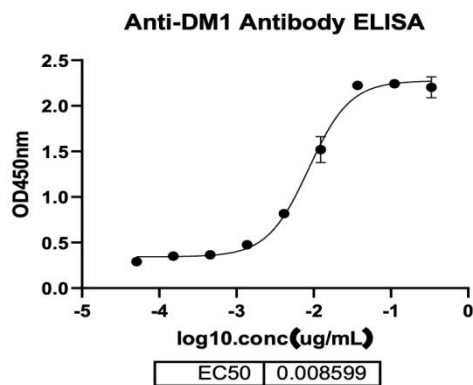
Anti-DM1 mouse mAb on SDS-PAGE under reduced condition. The purity is 93.4%;  
 Anti-DM1 mouse mAb on SDS-PAGE under non-reduced condition. The purity is 98.0%.

### SEC-HPLC



The purity of Anti-DM1 mouse mAb is 96.8% as determined by SEC-HPLC.

### ELISA Data



Dose response curve shows that the  $EC_{50}$  of Anti-DM1 mouse mAb is 8.6 ng/mL.