

## Anti-SN-38 Mouse mAb

### 产品信息

产品名称	产品编号	规格
Anti-SN-38 Mouse mAb	31905ES60	100 µg
	31905ES80	1 mg

### 产品简介

SN38 is the active metabolite of the chemotherapy drug irinotecan (Camptosar). It is a topoisomerase I inhibitor, prevents the enzyme from properly resealing the DNA strands after they have been unwound, which leads to the accumulation of DNA damage.

### 产品性质

来源	Monoclonal anti-SN38 antibody, is produced from a hybridoma which was obtained from a mouse immunized with SN38.
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	>95% as determined by reduced SDS-PAGE >99% as determined by non-reduced SDS-PAGE >99% as determined by SEC-HPLC
活性	EC <sub>50</sub> =80.5 ng/mL by ELISA
应用	ELISA

### 储存条件

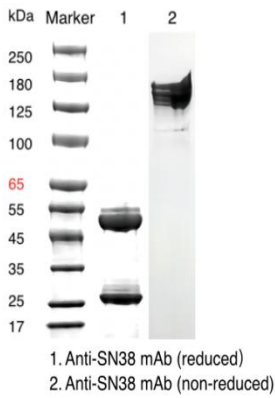
-25~-15°C保存

### 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。

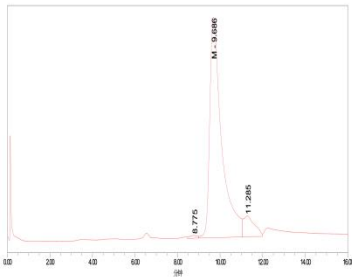
## 产品数据

### SDS-PAGE



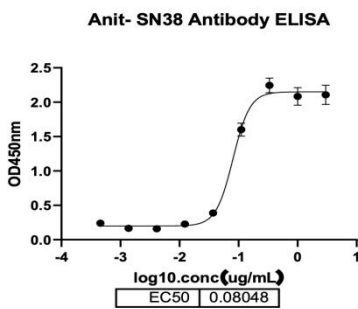
**Anti-SN-38 mouse mAb** on SDS-PAGE under reduced condition. The purity is 95.5%;  
**Anti-SN-38 mouse mAb** on SDS-PAGE under non-reduced condition. The purity is 99.2%.

### SEC-HPLC



The purity of **Anti-SN-38 mouse mAb** is 100% as determined by SEC-HPLC.

### ELISA Data



Dose response curve shows that the  $EC_{50}$  of **Anti-SN-38 mouse mAb** is 80.5 ng/mL.