

Anti-DM1 Mouse mAb

Product description

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.

Specifications

Cat.No.	31901ES60/31901ES80
Size	100 µg/1 mg
Source	Monoclonal anti-DM1 antibody, is produced from a hybridoma which was obtained from a mouse immunized with DM-1.
Buffer	1×PBS, pH7.4.
Type	Monoclonal Antibody
Isotype	IgG ₁
Host	Mouse
Concentration	1 mg/mL
Purity	>94% as determined by reduced SDS-PAGE >97% as determined by non-reduced SDS-PAGE > 98% as determined by SEC-HPLC
Activity	EC ₅₀ =8.6 ng/mL by ELISA
Application	ELISA

Storage

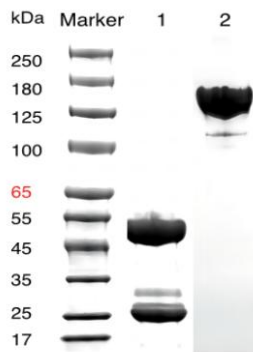
This product should be stored at -25~-15°C for one year, **do not freeze.**

Notes

1. This product is for research use only.
2. Please operate with lab coats and disposable gloves, for your safety.

Data

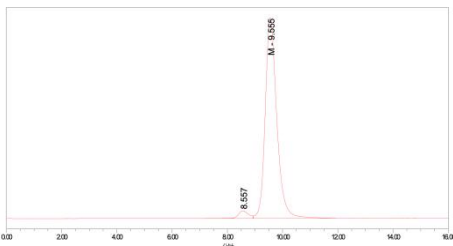
SDS-PAGE



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

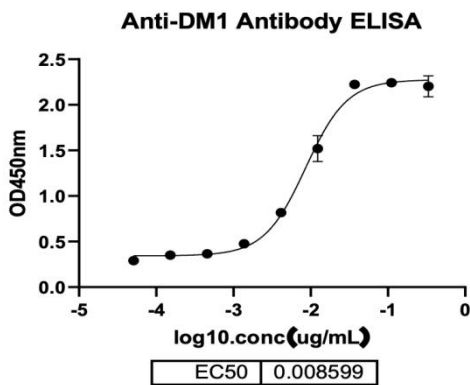
Anti-DM1 mouse mAb on SDS-PAGE under reduced condition. The purity is 93.4%;
Anti-DM1 mouse mAb on SDS-PAGE under non-reduced condition. The purity is 98.0%.

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.