

Anti-MMAE Mouse mAb

Product description

MMAE, or monomethyl auristatin E, is a potent cytotoxic agent commonly used in the development of antibody-drug conjugates (ADCs) for targeted cancer therapy. It is an antimetabolic agent which inhibits cell division by blocking the polymerization of tubulin.

Specifications

Cat.No.	31903ES60/31903ES80
Size	100 µg/1 mg
Source	Monoclonal anti-MMAE antibody, is produced from a hybridoma which was obtained from a mouse immunized with MMAE.
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 =6.3 ng/mL by ELISA
Application	ELISA

Storage

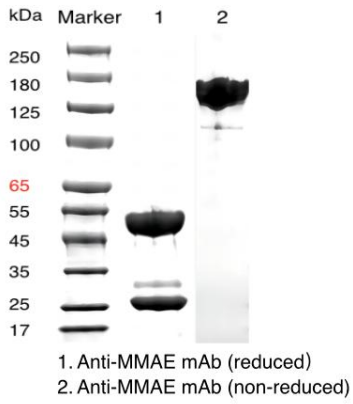
This product should be stored at -25~-15°C for one year, **do not freeze**.

Notes

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

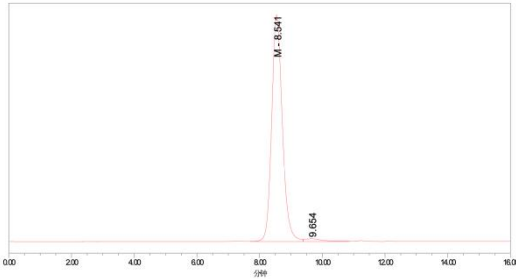
Data

SDS-PAGE



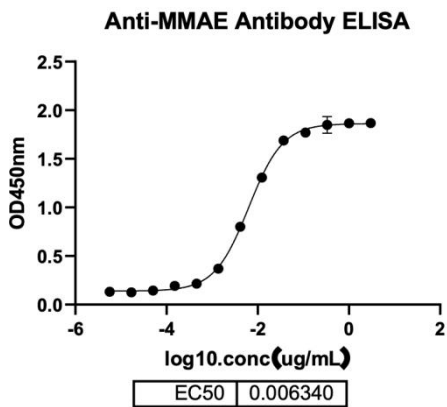
Anti-MMAE mouse mAb on SDS-PAGE under reduced condition. The purity is 94.7%;
Anti-MMAE mouse mAb on SDS-PAGE under non-reduced condition. The purity is 97.6%.

SEC-HPLC



The purity of **Anti-MMAE mouse mAb** is 98% as determined by SEC-HPLC.

ELISA Data



Dose response curve shows that the EC_{50} of **Anti-MMAE mouse mAb** is 6.3 ng/mL.