



Source

Biotinylated Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1 is a Mouse monoclonal antibody recombinantly expressed from HEK293 cells.

Species

Mouse

Isotype

Mouse IgG1 | Mouse kappa

Conjugate

Biotin

Antibody Type

Recombinant Monoclonal

Reactivity

Chemical

Immunogen

MMAE.

Specificity

Specifically recognizes the target-MMAE&MMAF.

Application

Application	Recommended Usage
ELISA	2-250 ng/mL

Purity

>90% as determined by SDS-PAGE.

>90% as determined by SEC-MALS.

Purification

Protein A purified/ Protein G purified

Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

Storage

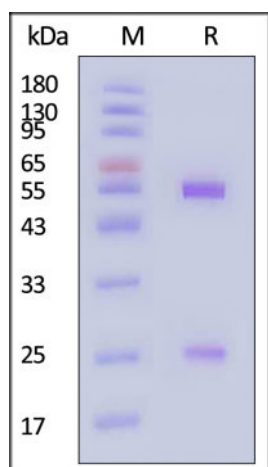
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

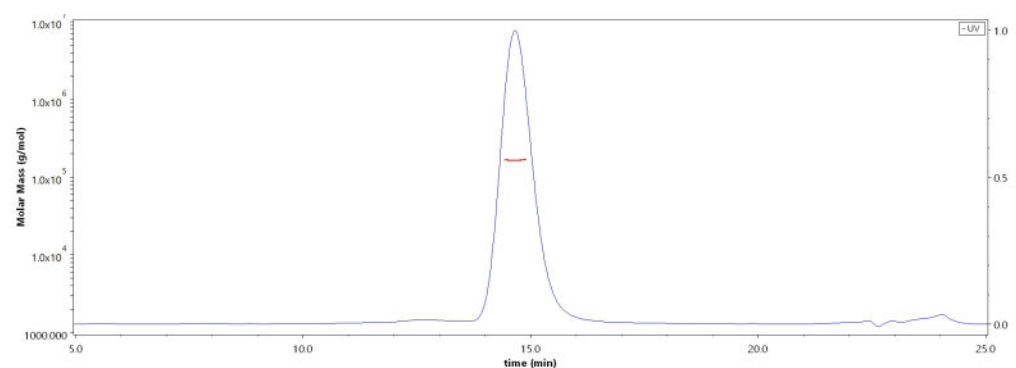
- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

SDS-PAGE



Biotinylated Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1 on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie

SEC-MALS



The purity of Biotinylated Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1 (Cat. No. MME-BLS104) is more than 90% and the molecular weight of this protein is around 135-165 kDa verified by SEC-MALS.

Discounts, Gifts, and more!

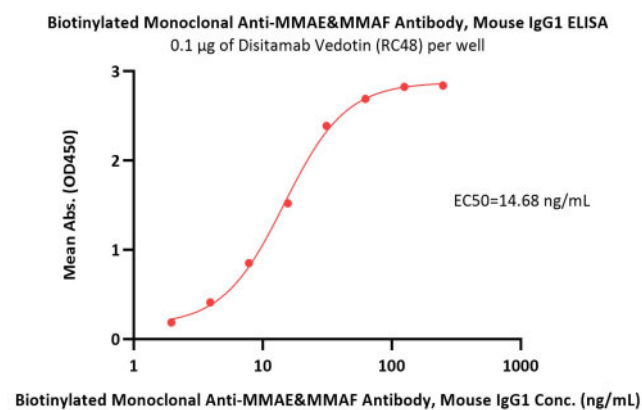




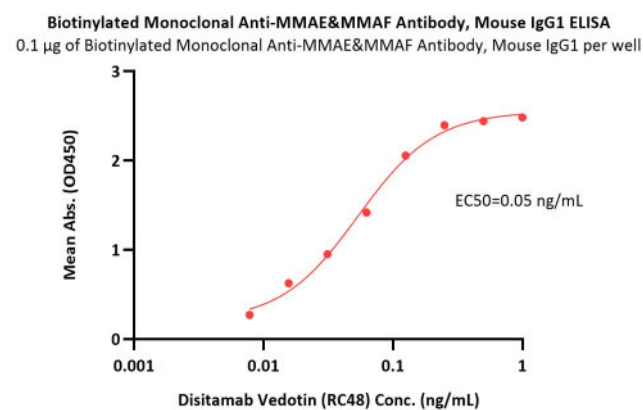
Blue. The purity of the protein is greater than 90% (With [Star Ribbon Pre-stained Protein Marker](#)).

[Report](#)

Bioactivity-ELISA



Immobilized Disitamab Vedotin (RC48) at 1 µg/mL (100 µL/well) can bind Biotinylated Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1 (Cat. No. MME-BLS104) with a linear range of 2-31 ng/mL (QC tested).



Immobilized Biotinylated Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1 (Cat. No. MME-BLS104) at 1 µg/mL (100 µL/well) on streptavidin (Cat. No. STN-N5116) precoated (0.5 µg/well) plate can bind Disitamab Vedotin (RC48) with a linear range of 0.0078-0.125 ng/mL (Routinely tested).

Background

Monomethyl auristatin E (MMAE) is a synthetic derivative of dolastatin 10 and functions as a potent mitotic inhibitor by inhibiting tubulin polymerization. MMAE is widely used as a cytotoxic component of antibody-drug conjugates (ADCs) to treat several different cancer types. Anti-MMAE antibody is a Mouse monoclonal antibody. This antibody has been shown to work in applications such as: PK, PD, Immunoassay and ELISA.

Clinical and Translational Updates

Discounts, Gifts,
and more!

