



## Source

Biotinylated Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1 is recombinantly produced from human 293 cells (HEK293).

## Isotype

Mouse IgG1/kappa

## Specificity

Specifically recognizes the target-MMAE.

## Application

This Monoclonal anti-MMAE antibody is designed for use in ELISA and PK environment.

## Purity

>90% as determined by SDS-PAGE.

>90% as determined by SEC-MALS.

## Endotoxin

Less than 1.0 EU per µg by the LAL method.

## 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

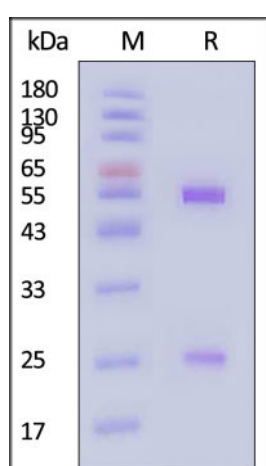
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

*Please avoid repeated freeze-thaw cycles.*

This product is stable after storage at:

- -20°C to -70°C for 24 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

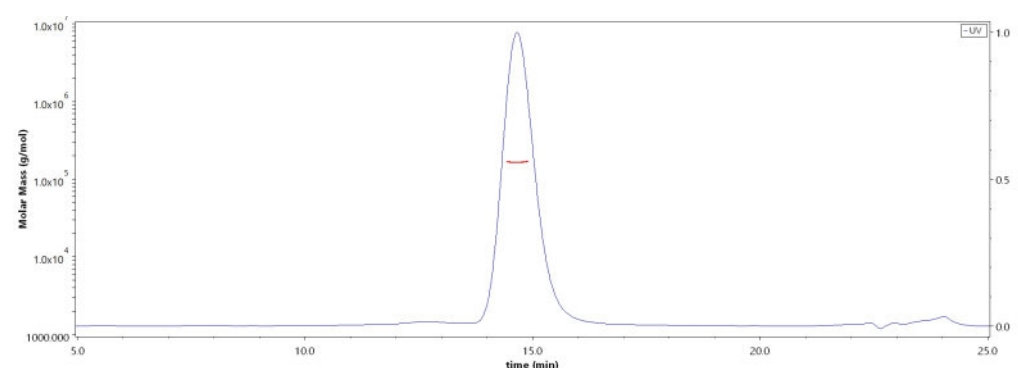
## SDS-PAGE



Biotinylated Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1 on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90% (With [Star Ribbon Pre-stained Protein Marker](#)).

## Bioactivity-Elisa

## 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. [Report](#)

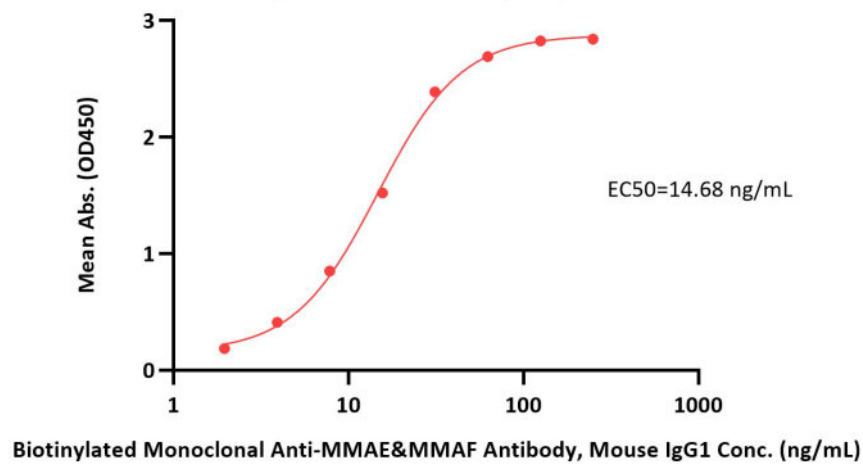
Discounts, Gifts,  
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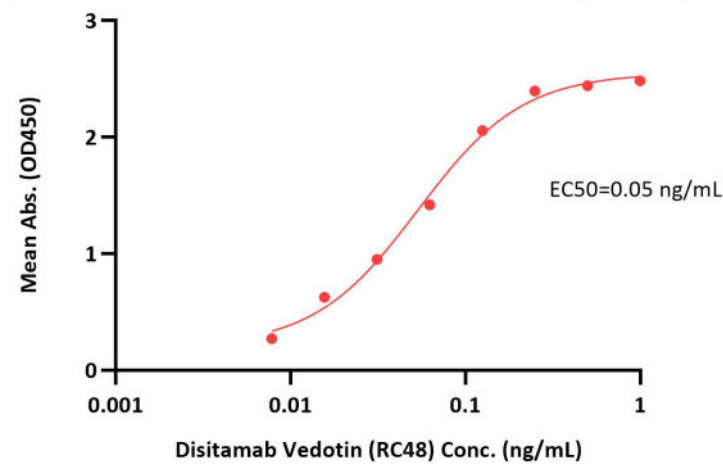
**Biotinylated Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1 ELISA**

0.1 µg of Disitamab Vedotin (RC48) per well



**Biotinylated Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1 ELISA**

0.1 µg of Biotinylated Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1 per well



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 0.0078125-0.125 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

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