



Specificity

Specifically recognizes the target-MMAE&MMAF.

Source

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

Isotype

Mouse IgG1 | Mouse kappa

Conjugate

Biotin

Reactivity

Chemical

Immunogen

MMAE

Application

Application	Recommended Usage
ELISA	2-250 ng/mL

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

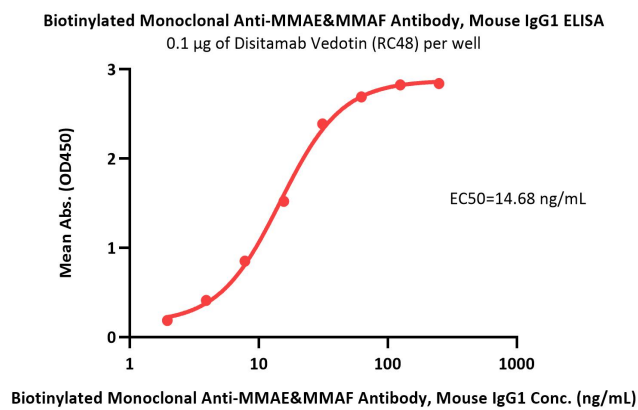
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

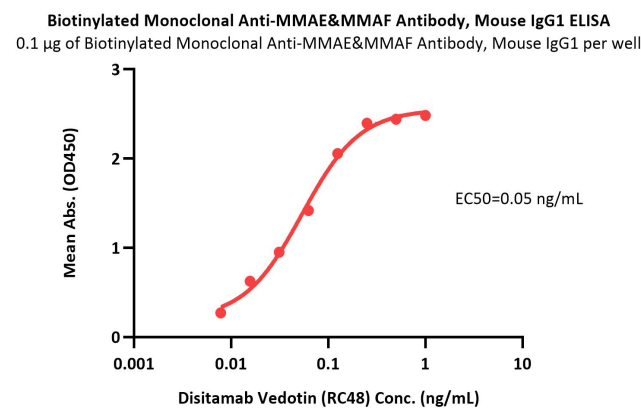
This product is stable after storage at:

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

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).

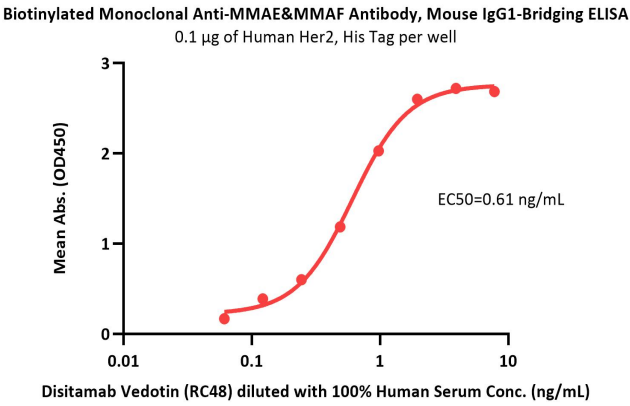


Immobilized Biotinylated Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1 (Cat. No. MME-BLS104) at 1 µg/mL (100 µL/well) on streptavidin (Cat. No. STN-N5116) precoated (0.5 µg/well) plate can bind Disitamab Vedotin (RC48) with a linear range of 0.0078-0.125 ng/mL (Routinely tested).

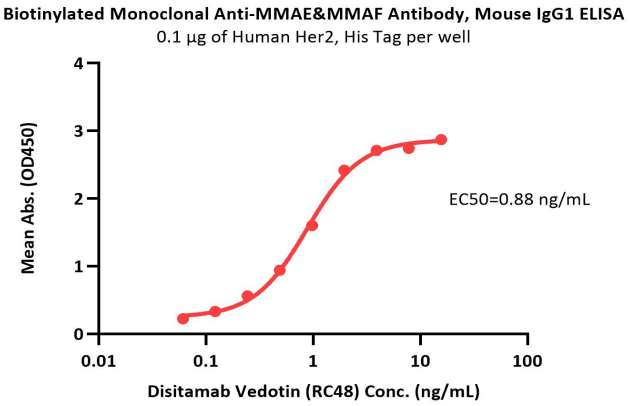


Biotinylated Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1

Catalog # MME-BLS104



Immobilized Human Her2, His Tag (Cat. No. HE2-H5225) at 1 µg/mL, add Disitamab Vedotin (RC48) in the 100% Human Serum and then add Biotinylated Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1 (Cat. No. MME-BLS104) at 0.5 µg/mL. Detection was performed using HRP-conjugated Streptavidin (Acro, Cat. No. STN-NH913) (QC tested).



Immobilized Human Her2, His Tag (Cat. No. HE2-H5225) at 1 µg/mL, add Disitamab Vedotin (RC48) in the 0.5% BSA and then add Biotinylated Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1 (Cat. No. MME-BLS104) at 0.5 µg/mL. Detection was performed using HRP-conjugated Streptavidin (Acro, Cat. No. STN-NH913) (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.

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and more!

