



## Biotinylated Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1

Catalog: BS66195M

Host: Mouse

Reactivity:

### 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.

### Product:

Lyophilized from 0.22  $\mu$ m filtered solution in PBS, pH7.4 with trehalose as protectant.

### Molecular Weight:

### Swiss-Prot:

### Purification&Purity:

Protein A purified / Protein G purified

### Applications:

ELISA 2-250 ng/mL

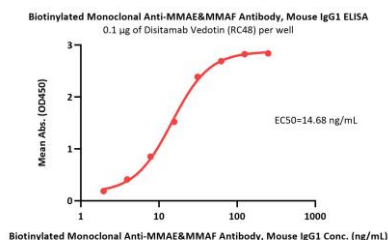
### Storage&Stability:

-20  $^{\circ}$ C to -70  $^{\circ}$ C for 12 months in lyophilized state;  
-70  $^{\circ}$ C for 3 months under sterile conditions after reconstitution.

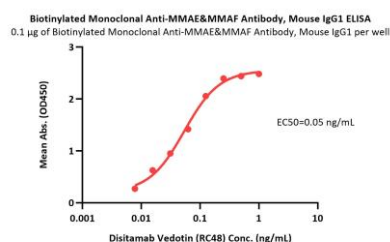
### Specificity:

Specifically recognizes the target-MMAE&MMAF.

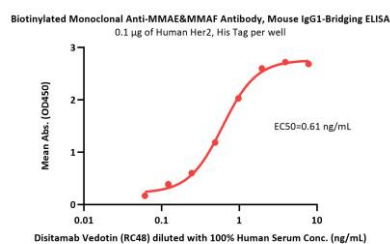
### DATA:



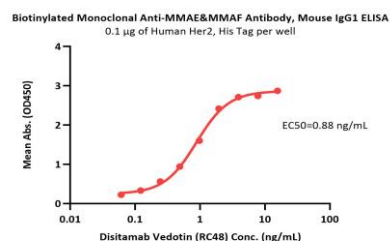
Immobilized Disitamab Vedotin (RC48) at 1  $\mu$ g/mL (100  $\mu$ L/well) can bind Biotinylated Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1 with a linear range of 2-31 ng/mL (QC tested).



Immobilized Biotinylated Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1 at 1  $\mu$ g/mL (100  $\mu$ L/well) on streptavidin precoated (0.5  $\mu$ g/well) plate can bind Disitamab Vedotin (RC48) with a linear range of 0.0078-0.125 ng/mL (Routinely tested).



Immobilized Human Her2, His Tag at 1  $\mu$ g/mL, add Disitamab Vedotin (RC48) in the 100% Human Serum and then add Biotinylated Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1 at 0.5  $\mu$ g/mL. Detection was performed using HRP-conjugated Streptavidin (QC tested).



Immobilized Human Her2, His Tag at 1  $\mu$ g/mL, add Disitamab Vedotin (RC48) in the 0.5% BSA and then add Biotinylated Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1 at 0.5  $\mu$ g/mL. Detection was

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## PRODUCT DATA SHEET

Bioworld Technology, Inc.

performed using HRP-conjugated Streptavidin (Routinely tested).

For research use only, not for use in diagnostic procedure.

**Note:**

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