

## Monoclonal Anti-MMAE specific Antibody, Rabbit IgG (M1G04)

Catalog: BS66199

Host: Rabbit

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 cancer types. Anti-MMAE antibody is a rabbit monoclonal antibody specially react with MMAE without MMAF, which is more sensitive than mouse antibody. The anti-MMAE antibody is a useful reagent in PK assay to determine conjugated antibodies.

### 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 0.06-125 ng/mL

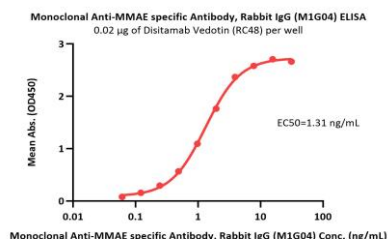
### Storage&Stability:

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

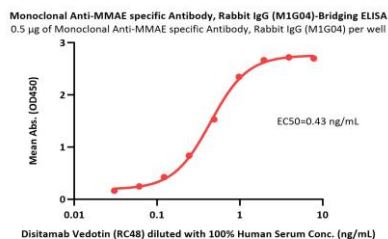
### Specificity:

Specifically recognizes MMAE and does not recognize MMAF.

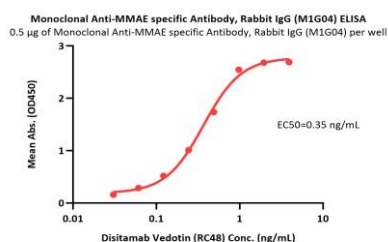
### DATA:



Immobilized Disitamab Vedotin (RC48) at 0.2  $\mu$ g/mL (100  $\mu$ L/well) can bind Monoclonal Anti-MMAE specific Antibody, Rabbit IgG (M1G04) with a linear range of 0.06-4 ng/mL (QC tested).



Immobilized Monoclonal Anti-MMAE specific Antibody, Rabbit IgG (M1G04) (Cat. No. MME-MY2210) at 5  $\mu$ g/mL, add Disitamab Vedotin (RC48) in the 100% Human Serum and then add Biotinylated Human Her2, His,Avitag, premium grade at 0.5  $\mu$ g/mL. Detection was performed using HRP-conjugated Streptavidin (QC tested).



Immobilized Monoclonal Anti-MMAE specific Antibody, Rabbit IgG (M1G04) at 5  $\mu$ g/mL, add Disitamab Vedotin (RC48) and then add Biotinylated Human Her2, His,Avitag, premium grade at 0.5  $\mu$ g/mL. Detection was performed using HRP-conjugated Streptavidin (Routinely tested).

### Bioworld Technology, Inc.

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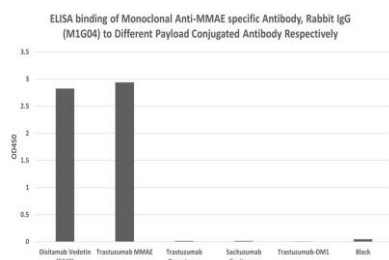
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## PRODUCT DATA SHEET

Bioworld Technology, Inc.



ELISA binding of Monoclonal Anti-MMAE specific Antibody, Rabbit IgG (M1G04) with Disitamab Vedotin (RC48), Trastuzumab Deruxtecan, Sacituzumab Govitecan, Trastuzumab MMAE and Trastuzumab-DM1 conjugated antibody respectively.

The coating antibody was Monoclonal Anti-MMAE specific Antibody, Rabbit IgG (M1G04), used at 1 µg/mL concentration. The primary antibody were different payload conjugated antibodies, including Disitamab Vedotin (RC48), Trastuzumab Deruxtecan, Sacituzumab Govitecan, Trastuzumab MMAE and Trastuzumab-DM1 conjugated antibodies used at 0.5 µg/mL concentration. The secondary antibody was HRP conjugated Anti-Human-IgG-Fc Antibody (6F11C8), mAb used at 1:10000 concentration.

Monoclonal Anti-MMAE specific Antibody, Rabbit IgG (M1G04) is

specific to Disitamab Vedotin (RC48) and Trastuzumab MMAE, and has no cross-reactivity with Trastuzumab Deruxtecan, Sacituzumab Govitecan and Trastuzumab-DM1 (Routinely tested).

### Note:

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

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