



## Monoclonal Anti-MMAE specific Antibody, Rabbit IgG (M1H05)

Catalog: BS66197

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. 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 0.03-31 ng/mL

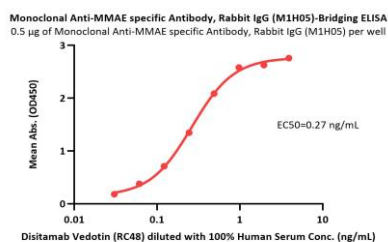
### Storage&Stability:

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

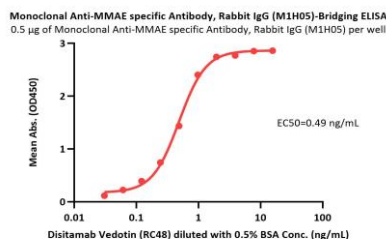
### Specificity:

Specifically recognizes MMAE and does not recognize MMAF.

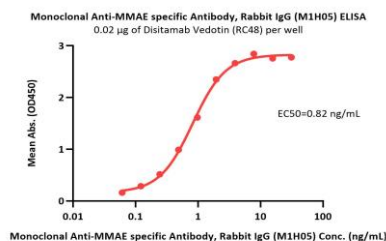
### DATA:



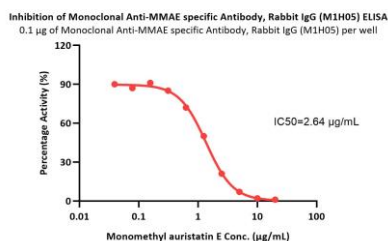
Immobilized Monoclonal Anti-MMAE specific Antibody, Rabbit IgG (M1H05) at 5  $\mu$ g/mL, add Disitamab Vedotin (RC48) in the 100% Human Serum and then add Biotinylated Human Her2, His, Avitag, premium grade at 0.5  $\mu$ g/mL. Detection was performed using HRP-conjugated Streptavidin (QC tested).



Immobilized Monoclonal Anti-MMAE specific Antibody, Rabbit IgG (M1H05) at 5  $\mu$ g/mL, add Disitamab Vedotin (RC48) in the 0.5% BSA 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).



Immobilized Disitamab Vedotin (RC48) at 0.2  $\mu$ g/mL (100  $\mu$ L/well) can bind Monoclonal Anti-MMAE specific Antibody, Rabbit IgG (M1H05) with a linear range of 0.06-2 ng/mL (Routinely tested).



Serial dilutions of Monomethyl auristatin E were added into Monoclonal Anti-MMAE specific Antibody, Rabbit IgG (M1H05): Disitamab

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## PRODUCT DATA SHEET

Bioworld Technology, Inc.

Vedotin (RC48) binding reactions. The half maximal inhibitory concentration (IC<sub>50</sub>) is 2.642 µg/mL (Routinely tested).

**Note:**

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

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