

Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1

Catalog: BS66196M

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 μ 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 0.1-12.5 ng/mL

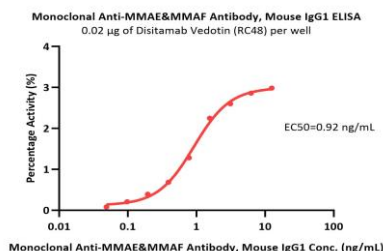
Storage&Stability:

-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:

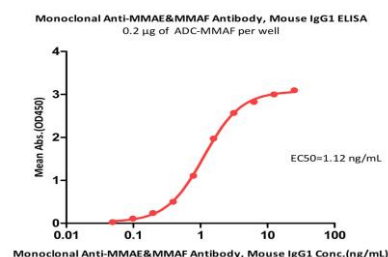
Specifically recognizes the target-MMAE&MMAF.

DATA:

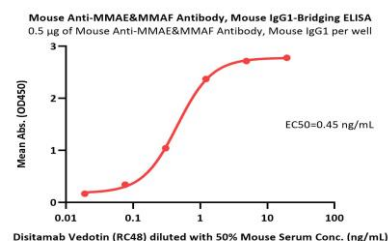


Immobilized Mouse Anti-MMAE&MMAF Antibody, Mouse IgG1 at 5

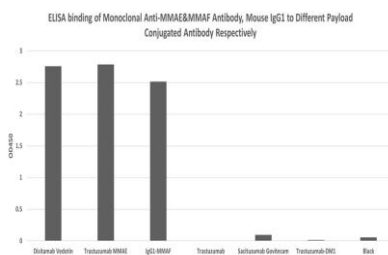
μ g/mL, add Disitamab Vedotin (RC48) in the 50% Mouse serum and then add Biotinylated Human Her2, His,Avitag, premium grade at 0.5 μ g/mL. Detection was performed using HRP-conjugated Streptavidin (QC tested).



Immobilized ADC-MMAF at 2 μ g/mL (100 μ L/well) can bind Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1 with a linear range of 0.5-1.56 ng/mL (Routinely tested).



Immobilized ADC-MMAF at 2 μ g/mL (100 μ L/well) can bind Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1 with a linear range of 0.5-1.56 ng/mL (Routinely tested).



ELISA binding of Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1 with Trastuzumab Deruxtecan, IgG1-MMAF, Sacituzumab Govitecam, Disitamab Vedotin (RC48), Trastuzumab MMAE and Trastuzumab-DM1 conjugated antibody respectively.

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PRODUCT DATA SHEET

Bioworld Technology, Inc.

The coating antibody was Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1, used at 1 µg/mL concentration. The primary antibody were different payload conjugated antibodies, including Trastuzumab Derux-tecan, IgG1-MMAF, Sacituzumab Govitecam, Disitamab Vedotin (RC48), Trastuzumab MMAE and Trastuzumab-DM1 conjugated anti-bodies used at 0.5 µg/mL concentration. The secondary antibody was Peroxidase AffiniPure Goat Anti-Human IgG, Fcγ fragment specific (min X Bov, Hrs, Ms Sr Prot) (Jackson, Cat. No. 109-035-098) used at

1:12000 concentration.

Monoclonal Anti-MMAE&MMAF Antibody, Mouse IgG1 is specific to Disitamab Vedotin (RC48), Trastuzumab MMAE and IgG1-MMAF, and has no cross-reactivity with Trastuzumab Derux-tecan, Sacituzumab Govitecam and Trastuzumab-DM1 (Routinely tested).

Note:

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

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