

MU00034
MMAF Antibody



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50ul;100ul;1000ul;

Description:

Monomethyl auristatin F (MMAF) is a synthetic antineoplastic agent. It is part of the approved drug belantamab mafodotin in multiple myeloma and some experimental anti-cancer antibody-drug conjugates such as vorsetuzumab mafodotin and SGN-CD19A. In International Nonproprietary Names for MMAF-antibody-conjugates, the name mafodotin refers to MMAF plus its attachment structure to the antibody. Monomethyl auristatin F is an antimitotic agent which inhibits cell division by blocking the polymerisation of tubulin. It is linked to an antibody with high affinity to structures on cancer cells, causing MMAF to accumulate in such cells. MMAF is actually desmethyl-auristatin F; that is, the N-terminal amino group has only one methyl substituent instead of two as in auristatin F itself.

Source : Mouse

Clonality : Mouse monoclonal Antibody

Concentration : 2 mg/mL.

Application : ELISA

Image:

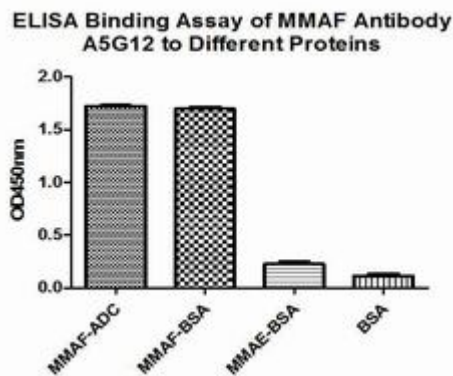


Fig1:The binding activity of with MMAF-ADC antibody, MMAF-BSA, MMAE-BSA and BSA protein at 1 µg/ml overnight at 4°C. Then blocked with 1% BSA for 1 hour at 37°C, and incubated with the primary antibody () for 1 hour at 25°C.

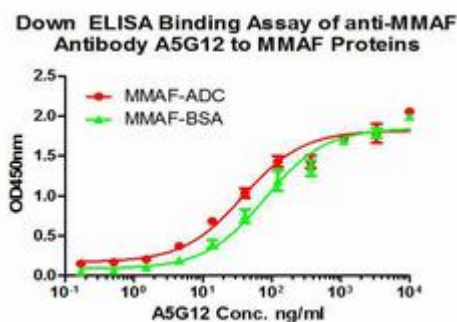


Fig2:Down ELISA Binding Assay of anti-MMAF Antibody A5G12 to MMAF-ADC and MMAF-BSA. The mouse mAb works fine with ELISA assay for measuring MMAF derivative ADC.

Storage:

Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.

