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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-DM1 [06CT8.1.1.1] Bulk Size Ab04093-10.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Lambda

Clone Number: 06CT8.1.1.1

Alternative Name(s) of Target: Mertansine; Maytansinoid

UniProt Accession Number of Target Protein:

Published Application(s): ELISA

Published Species Reactivity: Species independent

Immunogen: The original antibody was generated by immunizing BALB/c mice with DM1-cysteine-KLH conjugate.

Specificity: This antibody binds maytansine (DM1), a thiol-containing maytansinoid which is a highly potent microtubule-targeted compound that induces mitotic arrest and kills tumor cells at subnanomolar concentrations. The potent cell killing ability of maytansine can be used in a targeted delivery approach, such as an antibody-drug conjugate (ADC), for the selective delivery of the drug and destruction of cancer cells. ADCs with this design include trastuzumab emtansine, lorvotuzumab mertansine, and cantuzumab mertansine.

Application Notes: The binding reactivity of this antibody towards BSA-DM1 was determined using ELISA. This antibody is recommended for detection of antibody-drug conjugates containing DM1 (CN114276448).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer

storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.