



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-MMAE [04CT2.2.3] Bulk Size Ab04091-10.0-BT

**Isotype and Format:** Human IgG1, Kappa

**Clone Number:** 04CT2.2.3

**Alternative Name(s) of Target:** Monomethylauristatin E; Vedotin; USAN; monomethyl auristatin F; MMAF; auristatins

**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 MMAE-cysteine-KLH conjugate in equal volume of complete Freund's adjuvant.

**Specificity:** This antibody binds auristatin (MMAE, MMAF) which is a cytotoxic drug (payload) employed in the ADC field. Monomethyl auristatin E (MMAE, vedotin) is a very potent antimetabolic agent that inhibits cell division by blocking the polymerization of tubulin. The family of auristatins are synthetic analogues of the antineoplastic natural product Dolastatin 10, ultrapotent cytotoxic microtubule inhibitors that are clinically used as payloads in antibody-drug conjugates. As an antibody-drug conjugate or ADC, MMAE is linked to a monoclonal antibody (mAb) that recognizes a specific marker expression in cancer cells and directs MMAE to a specific, targeted cancer cell.

**Application Notes:** The binding activity of this antibody towards MMAE-BSA conjugate was determined using ELISA. This antibody is also capable of binding to MMAE-conjugated antibody drugs and can be used for their detection in cancer research (CN114181307).

**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.