



# 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-MERS-CoV Spike protein [2E6] Bulk Size Ab03828-10.3-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™, Kappa

**Clone Number:** 2E6

**Alternative Name(s) of Target:** Spike glycoprotein; S glycoprotein; E2; Peplomer protein; Spike protein S1; The Middle East Respiratory Syndrome Coronavirus

**UniProt Accession Number of Target Protein:** W6A029

**Published Application(s):** NTRL, SPR, ELISA, FC

**Published Species Reactivity:** MERS Coronavirus

**Immunogen:** The original antibody was generated by immunizing Bab/c mice with high-purity MERS-RBD protein.

**Specificity:** The antibody is specific for the Spike protein of MERS Coronavirus.

**Application Notes:** The specificity of the original format of the antibody was confirmed by ELISA analysis. The antibody inhibited the binding of MERS virus S protein to cell surface receptor CD26 by flow cytometry. The antibody could neutralize the virus (pseudovirus and live virus) as shown by virus neutralization test. The binding affinity of the antibody to MERS RBD protein was measured by surface plasmon resonance (Kd= 9 nM) (CN104447986A).

**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.