



# 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-TLR4 [52-1H4 e2] Standard Size Ab03565-7.4

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

This chimeric rat antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Rat IgG2a, Fc Silent™, Kappa

**Clone Number:** 52-1H4 e2

**Alternative Name(s) of Target:** CD284; Tlr4; Toll-like receptor 4; Toll4; TLR4/MD2

**UniProt Accession Number of Target Protein:** Q9QX05

**Published Application(s):** antagonist, ELISA

**Published Species Reactivity:** Rat

**Immunogen:**

**Specificity:** This antibody binds rat toll like receptor 4.

**Application Notes:** This antibody was reported to completely inhibit lipopolysaccharide-induced interleukin-6 secretion in vitro. The binding of this antibody to rat cells stable expressing TLR4/MD2 was done using ELISA (PMID: 33290148).

**Antibody First Published in:** Sato et al. Generation and characterization of a novel anti-rat TLR4/MD2 antibody with potent neutralizing activity in vivo. Monoclon Antib Immunodiagn Immunother. 2020 Dec;39(6):217-221. [PMID:33290148](#)

**Note on publication:** Describes the generation and characterization of rat TLR4/MD2 antibody.

## Product Form

**Size:** 100 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. 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.