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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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Anti-TLR4 [52-1H4 e2] Ab03565-7.4-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 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: 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.