



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

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-2.4[2.8]2.4-linked Kdo tetrasaccharide [S48-18] Standard Size Ab03581-23.0

This chimeric rabbit 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: Rabbit IgG, Kappa

Clone Number: S48-18

Alternative Name(s) of Target:

UniProt Accession Number of Target Protein:

Published Application(s): ELISA

Published Species Reactivity: Species independent

Immunogen: This antibody was generated by immunizing BALB/c mice with α Kdo(2→4) α Kdo(2→4) α Kdo-BSA.

Specificity: This antibody is specific for 2.4[2.8]2.4-linked Kdo tetrasaccharide. Which is a partial structure of chlamydial lipopolysaccharide (LPS).

Application Notes: An ELISA was performed on neoglycoconjugates using the mouse version of this antibody, it showed the strongest binding to α Kdo(2→4) α Kdo(2→4) α Kdo and α Kdo(2→4) α Kdo(2→4) α Kdo(2→6) β GlcNAc. ELISA was also performed on LPS antigens and bacterial antigens using the mouse version of this antibody, it bound most strongly to *Chl. psittaci* EB and *Chl. psittaci* LPS (Brade et al, 2000; pmid:11521056). The scFv version of this antibody was used for an ELISA on neoglycoconjugates, the antibody bound to 2.4/2.4PS4P and HS4P quite well but bound less well to 2.8/2.4PS4P (Gerstenbruch et al, 2010; pmid:20022906).

Antibody First Published in: Brade et al. A monoclonal antibody recognizing the 3-deoxy-D-manno-oct-2-ulosonic acid (Kdo) trisaccharide α Kdo(2→4) α Kdo(2→4) α Kdo of *Chlamydomytila psittaci* 6BC lipopolysaccharide. *J Endotoxin Res.* 2000;6(5):361-8. [PMID:11521056](#)

Note on publication: A monoclonal antibody (mAb) S45-18 was generated against a synthetic neoglycoconjugate containing the trisaccharide α Kdo(2→4) α Kdo(2→4) α Kdo (Kdo, 3-deoxy-D-manno-oct-2-ulopyranosonic acid) which represents a structure of the lipopolysaccharide (LPS) from *Chlamydomytila psittaci* 6BC.

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.