



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 Ab03581-1.1

Isotype and Format: Mouse IgG1, 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 *Chlamydomphila 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 *Chlamydomphila 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.