



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Anti-2.4[2.8]2.4-linked Kdo tetrasaccharide [S73-2] Ab03582-1.1-BT

**Isotype and Format:** Mouse IgG1, Kappa

**Clone Number:** S73-2

**Alternative Name(s) of Target:**

**UniProt Accession Number of Target Protein:**

**Published Application(s):** SPR, ELISA, IF

**Published Species Reactivity:** Species independent

**Immunogen:** This antibody was raised by immunizing mice with Kdo(2f8)[Kdo(2f4)]Kdo(2f4)Kdo(2f6)GlcNAc4P-(1f6)GlcNAcol-BSA and further immunizing them with Kdo(2f8)[Kdo(2f4)]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:** To screen hybridomas for this antibody ELISA was performed on neoglycoconjugates and immunofluorescence was performed on cells infected with either *C. trachomatis* or *C. psittaci*. Surface plasmon resonance was performed on Kdo(2f8)Kdo(2f4)KdoBSA (164, 1650, and 2460 RUs), Kdo(2f4)Kdo(2f4)Kdo-BSA, Kdo(2f4)Kdo BSA and BSA(Sigma), as a reference protein using the mouse version of this antibody (Brooks et al, 2010; pmid:20000757).

**Antibody First Published in:** Brooks et al. Antibodies raised against chlamydial lipopolysaccharide antigens reveal convergence in germline gene usage and differential epitope recognition. *Biochemistry*. 2010 Jan 26;49(3):570-81. [PMID:20000757](#)

**Note on publication:** The structures of antigen-binding fragments from two related monoclonal antibodies have been determined to high resolution in the presence of several carbohydrate antigens raised against chlamydial lipopolysaccharide.

### 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.