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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] Standard Size Ab03582-1.1

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: 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.