

Product Datasheet

Lipid A LPS Antibody - BSA Free NB100-64484

Unit Size: 0.5 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-64484

Lipid A LPS Antibody - BSA Free

Product Information

Unit Size	0.5 ml
Concentration	4 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	IgG purified
Buffer	PBS

Product Description

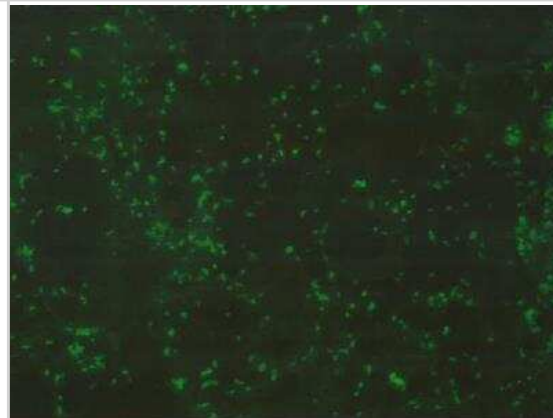
Host	Goat
Species	Bacteria
Specificity/Sensitivity	NB100-64484 recognizes the Lipid A or endotoxin region of LPS (Lipopolysaccharide) from <i>E. coli</i> . Lipid A is a glucosamine-based phospholipid which forms part of the bacterial outer membrane and anchors LPS to the surface of the bacteria. This antibody cross reacts with <i>P. aeruginosa</i> , <i>K. pneumoniae</i> , <i>S. enteritidis</i> , <i>E. aerogenes</i> , <i>E. hermanii</i> , <i>Y. enterocolitica</i> and <i>S. sonnei</i> .
Immunogen	Whole cell preparation of lipid A from <i>E. coli</i> O157

Product Application Details

Application Notes	Use in WB reported in scientific literature (PMID:34199851)
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Images

Immunocytochemistry/Immunofluorescence: Lipid A LPS Antibody [NB100-64484] - IF assay using NB100-64484 at a 1:100 dilution to stain *Shigella Sonnei* using above protocol. The magnification is 400X.

**Publications**

Zaruba M, Roschitz L, Sami H et al. Surface Modification of *E. coli* Outer Membrane Vesicles with Glycosylphosphatidylinositol-Anchored Proteins: Generating Pro/Eukaryote Chimera Constructs Membranes 2021-06-04 [PMID: 34199851] (WB)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-
techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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