

FROM SANTA CRUZ BIOTECHNOLOGY, INC.

siRNA GENE SILENCERS AND IMMUNODETECTION REAGENTS

Tumor Suppressors/Apoptosis

Cell Cycle Proteins

Transcription Regulators

Homeodomain Proteins

Steroid Receptors

Kinases and Phosphatases

Growth Factors and Hormones

Membrane Receptors

Signaling Intermediates

GDP/GTP Binding Proteins

Neurobiology

Channel Proteins

Lymphocyte Signaling

Cell Adhesion Proteins

Structural Proteins



siRNA

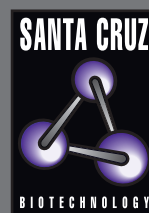
WWW.SCBT.COM

HEADQUARTERS

Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, California 95060
Tel. 831.457.3800
Toll Free: 800.457.3801

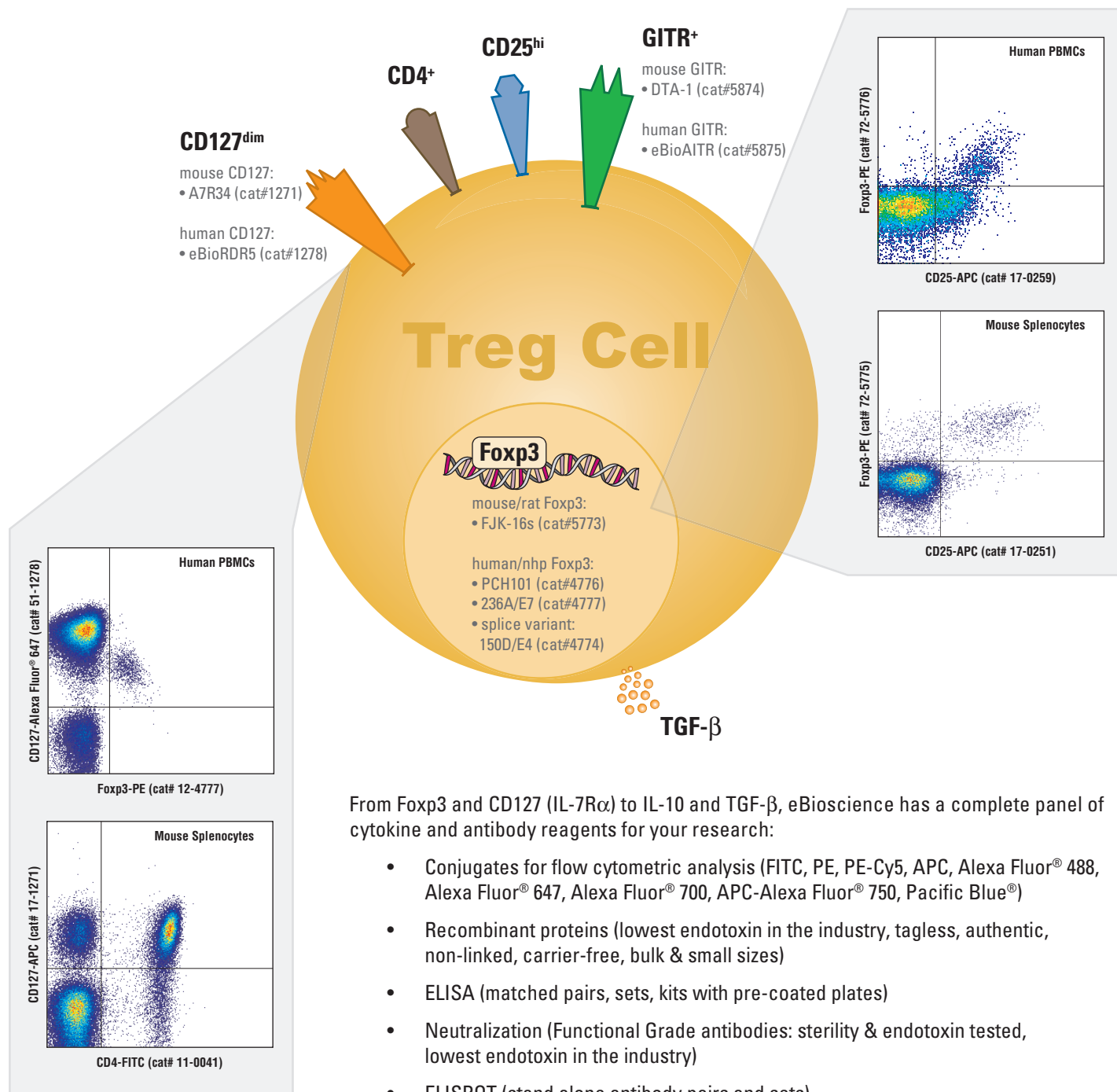
EUROPEAN SUPPORT OFFICE

Santa Cruz Biotechnology, Inc.
Bergheimer Str. 89-2
69115 Heidelberg, Germany
Tel. +49 6221 4503 0
Toll Free: +00800 4573 8000



The Power to Question

Regulatory Reagents from eBioscience



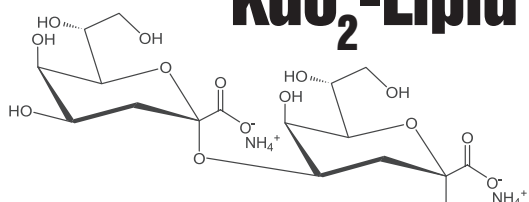
Use code **J1-DEC** to receive a free t-shirt with your next purchase.* For the latest products, visit www.ebioscience.com.

*Expires 1/31/07. For end users only. One offer per lab.

Alexa Fluor® and Pacific Blue® are registered trademarks of and licensed under patents assigned to Molecular Probes, Inc. for research use only.

eBioscience
 the new standard of excellence™

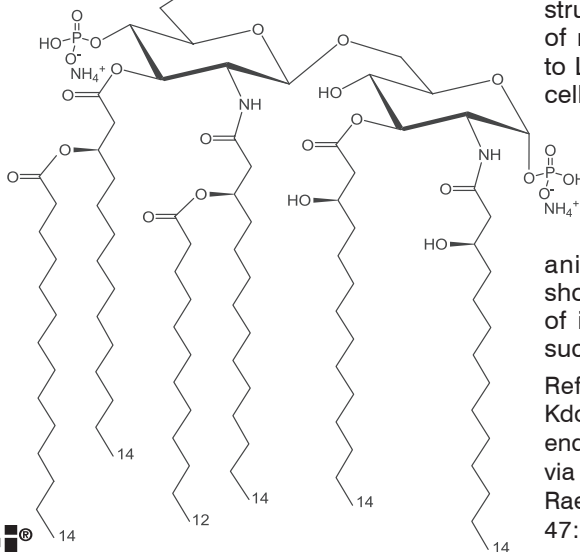
Kdo₂-Lipid A – an Endotoxin to replace LPS. Only from Avanti®



Kdo₂-Lipid A
Avanti Number
699500



Avanti®
POLAR LIPIDS, INC.



A new preparation of the saccharolipid glycan, Kdo₂-Lipid A, is a nearly homogeneous Re lipopolysaccharide (LPS) substructure with endotoxin activity equal to that of native LPS. Kdo₂-Lipid A is comparable to LPS and its activity is reduced by >10³ in cells from TLR-4 deficient mice.

The advantage of Kdo₂-Lipid A over LPS is that it is a reproducible, defined natural product, and it can be detected by ESI/MS at the low concentrations used to stimulate animal cells. The purity of Kdo₂-Lipid A should also facilitate the structural analysis of its complexes with signaling receptors, such as TLR-4/MD2.

Reference

Kdo₂-Lipid A of *Escherichia coli*, a defined endotoxin that activates macrophages via TLR-4.

Raetz, C.R.H. *et al.* (2006) *J. of Lipid Res.* 47:1097-1111.

Phone 800-227-0651 (205-663-2494 International) or Email info@avantilipids.com
for details of Avanti's selection of lipids of unparalleled purity visit www.avantilipids.com

WE SELL THE GOOD STUFF AT AVANTILIPIDS.COM



Founded in honour of the 20th anniversary of IgE 1967-1987

The objective of this Foundation is to encourage progress in allergy research through the recognition of an outstanding non-established investigator by means of an

INTERNATIONAL AWARD of USD 50 000

This Award, characterized as a personal prize, is offered annually to a scientist, **less than 40 years of age**, who has made outstanding contributions to the field of allergy through creative and independent research efforts. The scientific achievements of the candidate should have contributed to a better understanding of allergic inflammation, as well as to improved diagnostic procedures and to improved treatment, resulting in optimal patient management.

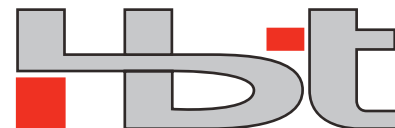
Subject for 2007 – “Impact of allergy – from mechanisms to treatment”

Selection of the Award recipient will be made by an International Scientific Committee, made up of internationally recognized senior scientists, today chaired by Prof Paul O'Byrne, Firestone Institute for Respiratory Health, St. Joseph's Healthcare and McMaster University, Hamilton, Ontario, Canada. The judgement of the International Scientific Committee will be based on the submission of an unpublished review article, describing the research achievements and research goals of the candidate. The contribution of the recipient of the International Award and Honorable Mention will be published.

For further information and to obtain **application forms**, please, visit PhARF at www.phadia.com or contact the: PhARF Office, attn: Marie Lantz, c/o Phadia AB, P.O. Box 6460, F35-4, SE-751 37 Uppsala, Sweden – or e-mail: marie.lantz@phadia.com

The application must be received no later than March 12, 2007

- 40 years of IgE and 20 years of PhARF -



Hycult biotechnology b.v.

www.hbt.nl

Cell Sciences is proud to be the distributor of HBT products in the USA and South America. For inquiries outside this area, please visit HBT's website.

Antimicrobial peptides / neutrophil proteins

Assays for human inflammation studies

- BPI
- Calprotectin
- Elastase
- Elafin/SKALP
- HNP 1-3
- Lactoferrin
- LBP (also mouse, other species)
- LL37
- MPO (also mouse and rat tissue test)
- SLPI

Complement

Assays for lectin pathway studies

- MASP-2
- MBL (lectin activity)
- functional MBL/MASP-2 (C4 deposition)
- TCC / sC5b-9 / MAC

More products available for:

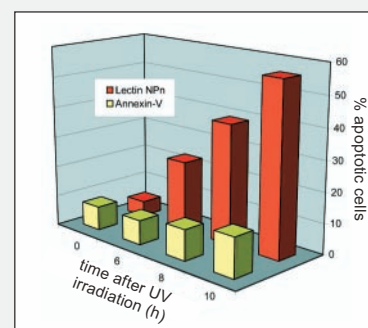
- Scavenger receptors
- LPS & microbial toxins
- Toll like receptors and CpG DNA
- Coagulation
- Inflammation
- Oxidation damage

Detection of early apoptosis by lectin narcissus pseudonarcissus (NPn):

Special features of the assay:

- Highly reproducible and sensitive detection of very early phases of apoptosis
- Detection of apoptosis induced by several stimuli with high sensitivity
- NPn lectin staining detects apoptotic events earlier than annexin V (figure below; induction of apoptosis by UV-B irradiation)
- Staining is stable for at least 12 hours, facilitating everyday laboratory use
- Reliable tool for the research of cell death

Detection of early apoptosis by Lectin NPn versus Annexin-V staining of PBLs



www.cellsciences.com

Sign up today to receive HycultScope newsletter via our website for news on the latest products available.