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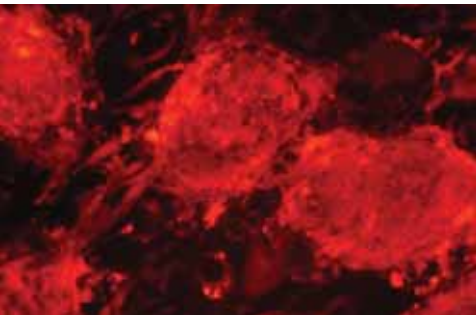
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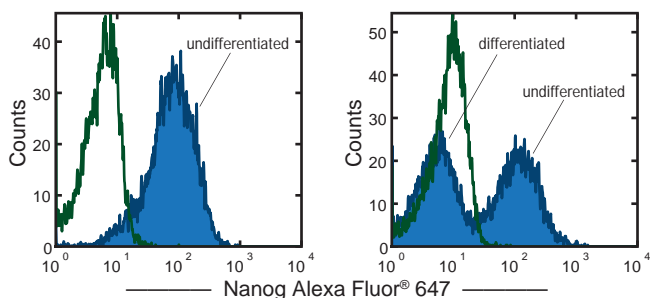
# The choice is clear...



Another FIRST from eBioscience

## Quantitative assessment of stem cell differentiation by flow cytometry

### Anti-Mouse Nanog (clone eBioMLC51)



#### Down Regulation of Nanog in Differentiated Cells

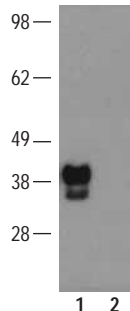
Flow cytometric analysis of Nanog in either untreated (left panel) or treated (right panel) F9 cells. Cells were cultured for three days with All-Trans-Retinoic Acid and then stained with either Alexa Fluor® 647 isotype control (Cat. No. 51-4321, open histogram) or Alexa Fluor® 647 Anti-Mouse Nanog (Cat. No. 51-5761, shaded histogram) using the Fcγ3 Buffer Set (Cat. No. 00-5523).

\* Alexa Fluor® is a registered trademark of and licensed under patents assigned to Molecular Probes, Inc. for research use only.

Other *New* stem cell targets of interest, include

- CD34
- CD201
- CXCR4 (CD184)
- Endomucin
- SSEA
- TRA-1 (podocalyxin)

### Affinity Purified Anti-Mouse Oct 3/4 (clone EM92)



Western blot analysis of Oct 3/4. Lysates from either F9 cells (lane 1) or mouse spleen cells (lane 2) were probed with Anti-Mouse Oct 3/4 (Cat. No. 14-5841) and developed by chemiluminescence.

\*The detection of a doublet band is likely due to the presence of two isoforms of mouse Oct 3/4, as has been reported for the human protein resulting from alternative splicing of the transcript.

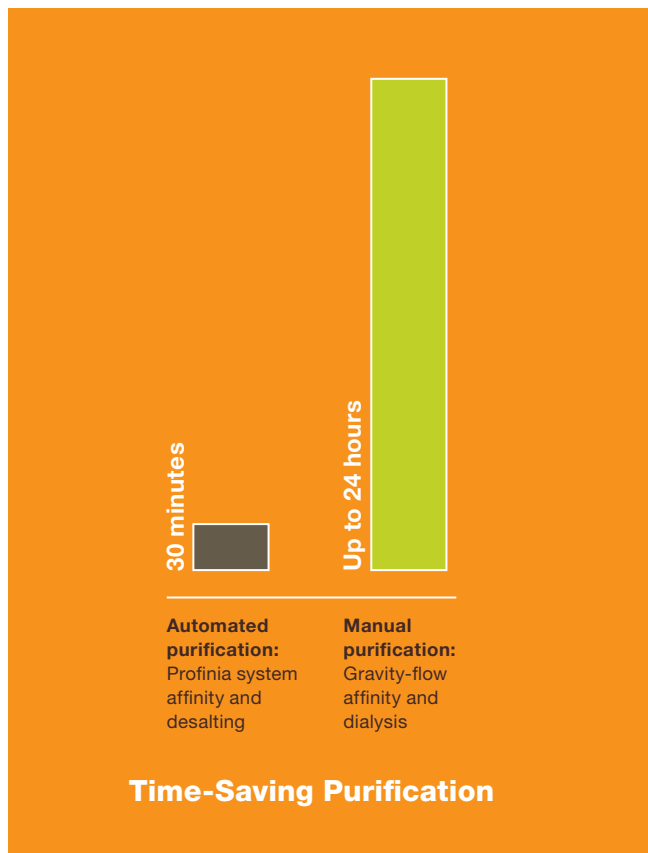
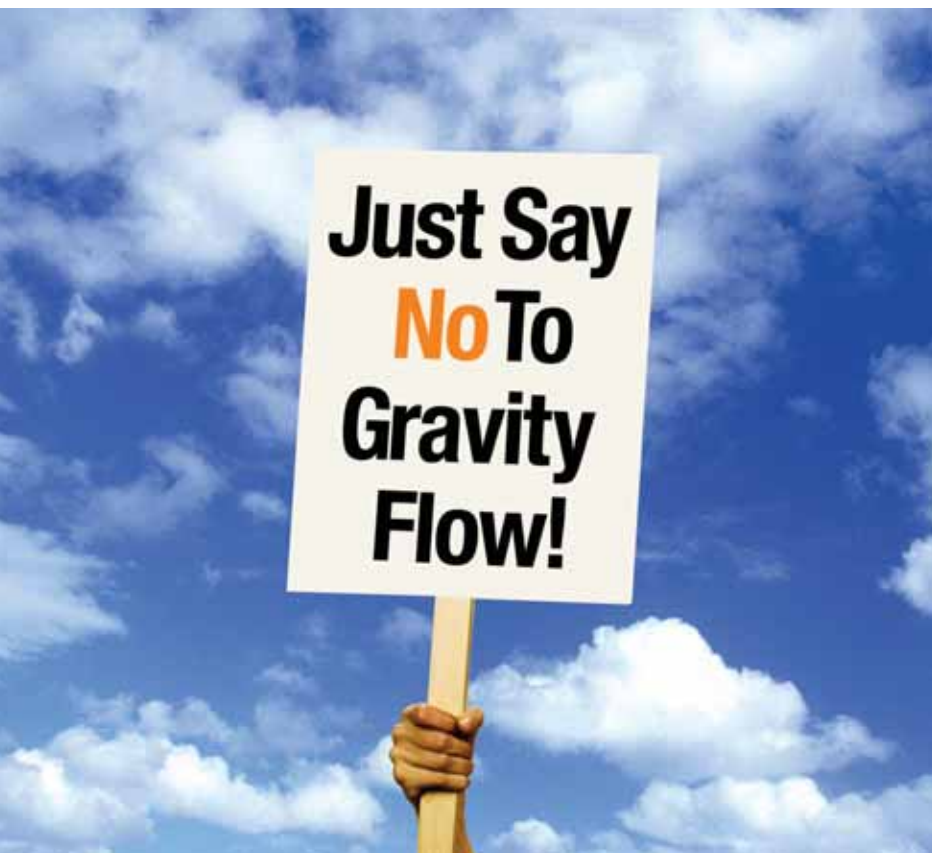
Additional products of interest from our portfolio:

- Lineage & Stem Cell Markers - antibodies and antibody panels
- Growth Factors & Cytokines - antibodies, ELISAs and recombinant proteins

## The choice is clear - eBioscience

For more information visit our website at [www.ebioscience.com/stemcells](http://www.ebioscience.com/stemcells)

## Automated Affinity Purification



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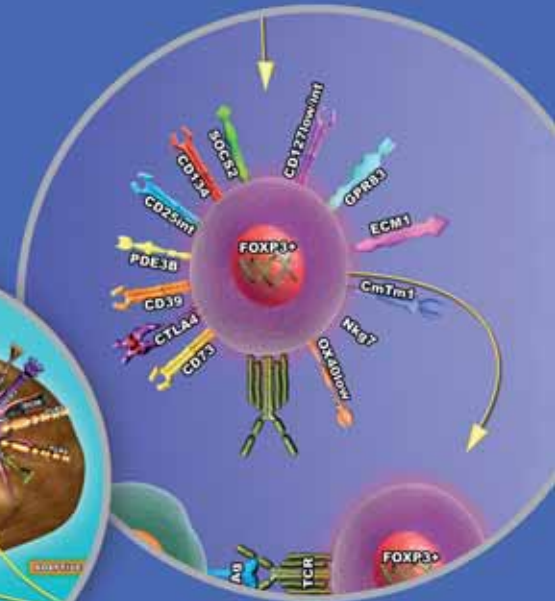
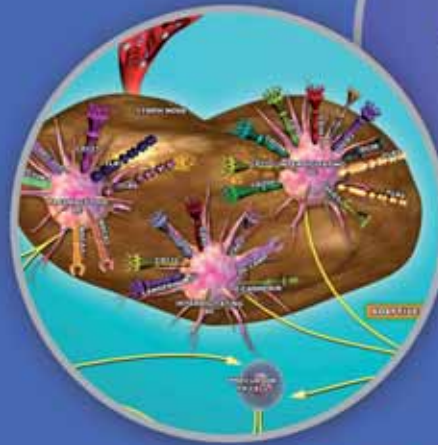
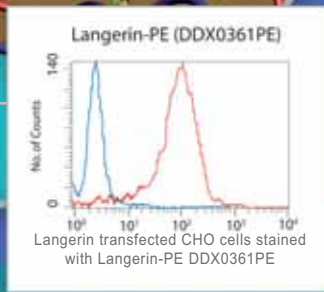
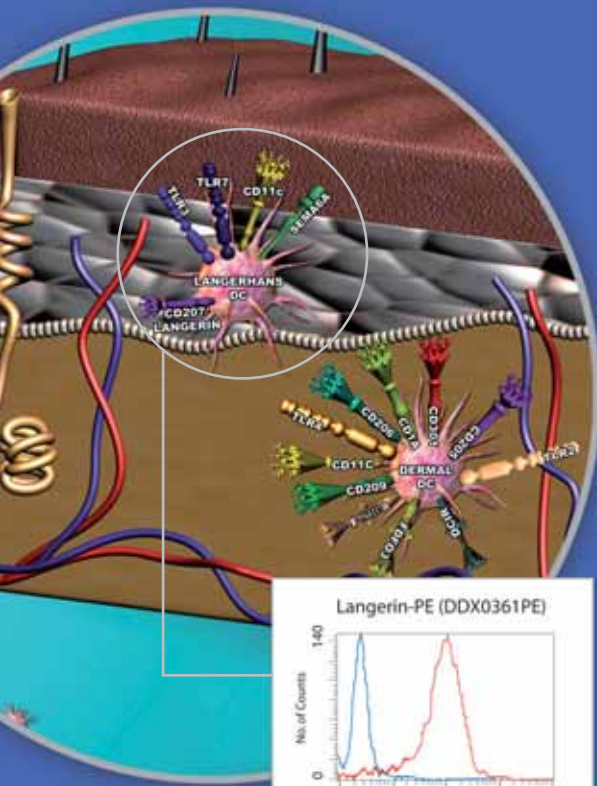
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# Explore New Paradigms in T<sub>reg</sub> and Dendritic Cell Biology



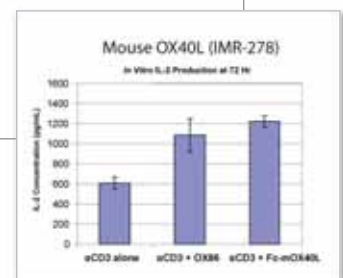
IMGENEX offers a broad portfolio of highly characterized research tools to explore emerging paradigms in dendritic and regulatory T cell research. These reagents have been validated for flow cytometry, IHC (frozen and paraffin embedded), receptor internalization & tracking studies, *in vivo* depletion, and are available as multiple conjugates. To learn more about our functionally active recombinant proteins and antibodies, visit us at [www.imgenex.com](http://www.imgenex.com)

## Dendritic Cell Reagents

- pDC/IPC (120G8)
- Langerin/CD207 (310F7 & 929F3)
- BDCA-2/CD303 (124B3)
- IL3-R $\alpha$ /CD123 (107D2)
- Neuropilin-1/BDCA-4 (211H6)
- ASGPR/CD301 (125A10)
- DC-SIGN/CD209 (108C7)
- DCIR (111F8)
- DC-LAMP (1010E1 & 104G4)
- TLRs

## Regulatory T cell Reagents

- FOXP3 $\Delta$ 2 [exon2 deleted] (16J4G6) **New!**
- FOXP3 (3G3)
- GPR83
- Folate Receptor/FR (TH6 & 12A5)
- CD127/IL7R (R34-34)
- iNKT (6B11)
- GITR (DTA-1)
- CD4 (GK1.5 & RPA-T4)
- CD25 (PC61 & 7G7B6)



Demonstration *in vitro* of the potency of Fc-OX40L in comparison to an agonist antibody OX86, with anti-CD3 alone serving as a negative control for co-stimulation.

## **New!** Functionally Active Recombinant Proteins

- OX40L/TNFSF4
- GITRL
- CD137L
- B7.1

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Each of the winners of the annual BD Research Grant Program will receive \$25,000 in BD reagents in order to further their research efforts. A panel of independent scientific experts reviewed more than 400 entries, selecting the following 5 winners in 2007:

## Olga Danilova

A new prognostic factor and potential treatment of chronic lymphocytic leukemia (CLL)

## Yihong Wan

Identification of osteoclast progenitor cells

## Duane Jeansonne

The role of plasmacytoid dendritic cells

## Lisa Ganley-Leal

B cell alternative receptors

## Ying Liang

Latexin: a new tumor suppressor



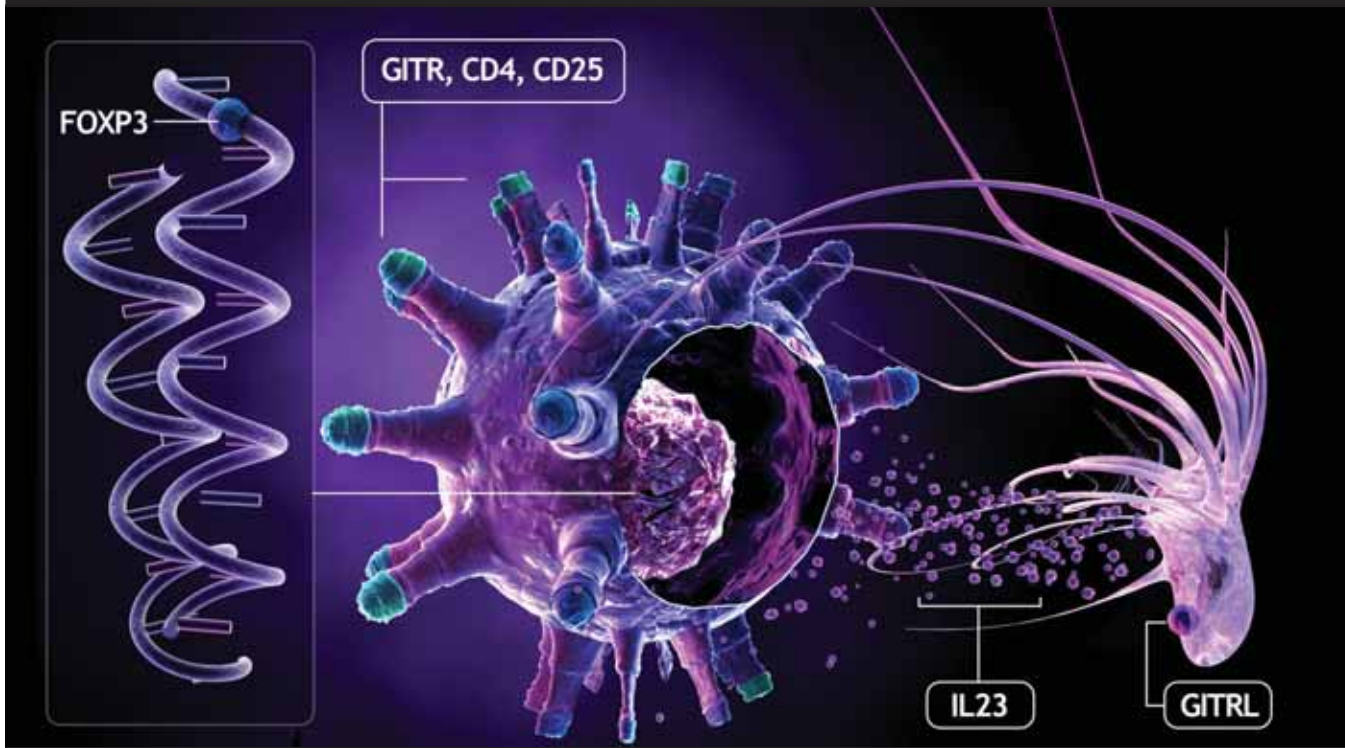
# Celebrating Discovery

The program is now accepting abstracts for consideration in 2008. Please visit [bdbiosciences.com/grant](http://bdbiosciences.com/grant) to learn more, download application materials, and view winning abstracts from past competitions.

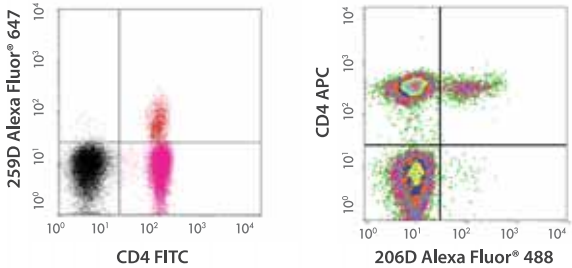
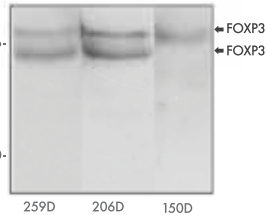


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live healthy lives

# BioLegend's FOXP3 and Treg Reagents



Greater Selection, Reliable Results.

Anti-Human FOXP3, Clones 259D and 206D	Antibodies to FOXP3 Isoforms	Additional Treg Reagents:
 <p>FOXP3 Reagents/Applications:</p> <ul style="list-style-type: none"> <li>• Anti-Human FOXP3, Clone 259D for Flow Cytometry, IHC, and WB</li> <li>• Anti-Human FOXP3, Clone 206D for Flow Cytometry, IHC, and WB</li> <li>• Anti-Mouse/Rat/Human FOXP3, Clone 150D for Flow Cytometry, IHC, and WB</li> <li>• Anti-Human/Mouse FOXP3, Poly6238 for IHC and WB</li> <li>• FOXP3 Fix/Perm Buffer Set</li> </ul>	 <p>Clones 259D and 206D recognize two isoforms of FOXP3, and clone 150D recognizes one isoform.</p>	<ul style="list-style-type: none"> <li>• Anti-Human GITR, Clone 621</li> <li>• Anti-Mouse GITR, Clone YGITR765</li> <li>• Anti-Human GITR Ligand, Clone EB11-2</li> <li>• Anti-Mouse GITR Ligand, Clone YGL386</li> <li>• Anti-Human CD127 (IL-7Ra), Clone HCD127</li> <li>• Anti-Mouse CD127 (IL-7Ra), Clone SB/199</li> <li>• Anti-Human TSLPR, Clones 1B4 and 1D3</li> </ul>



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