

### santa cruz biotechnology, inc.

### cell signaling research antibodies and siRNA gene silencers

Shc/IRS and Related Proteins

Heterotrimeric G Proteins

TRAF/CRAF

SH2/SH3 Domain Proteins

Nuclear Transport Family

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7,426 monoclonal antibodies

19,542 polyclonal antibodies

13,269 siRNAs and support products

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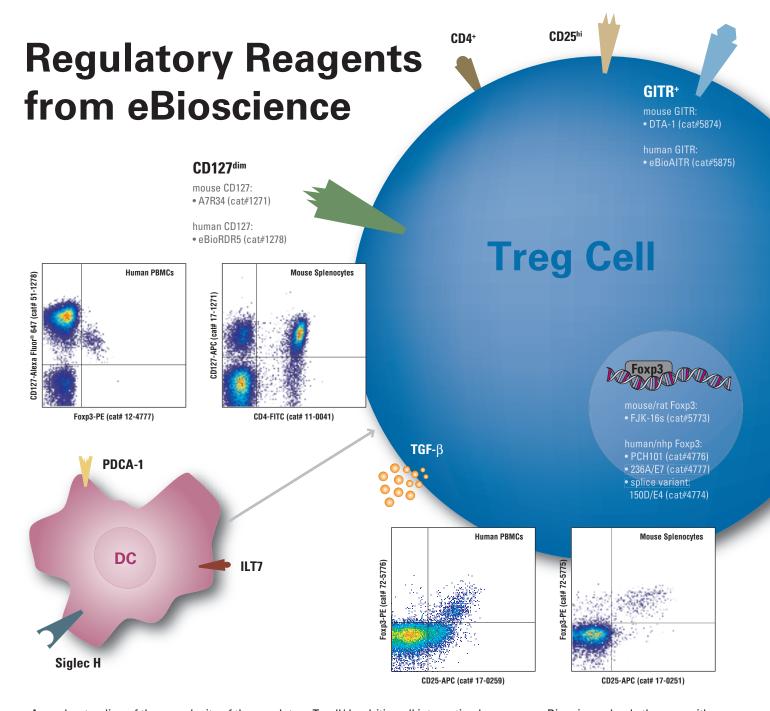
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As understanding of the complexity of the regulatory T cell/dendritic cell interaction has grown, eBioscience leads the way with a comprehensive panel of critical new reagents to speed discovery in regulatory cell research.

#### **New Tools for Treg and DC Research:**

- Dendritic cells ILT7 (pDC), PDCA-1, CMKLR1, Siglec H, DCIR, DC-LAMP, DC-SIGN, DEC-205, 33D1, CCR7, CD11c, CD46, CD83, CRACC, Langerin, Notch, TLR9, TSLP Receptor
- Regulatory T cells TGF-β1, Foxp3, AITR/GITR and ligands, CD46, CD62L, CD103, CD127, CTLA-4, LAG-3, Neuropilin, CD73

#### Additional new reagents:

- IC Flow IL-1β, IFN-α2, IL-13, IL-17A, Granzyme B, Granulysin, Perforin, T-bet
- ELISA IL-13, IL-15, IL-17A, IL-21, IL-23, IL-29/IFN-λ, LAG-3, TGF-β1, TSLP

Use code **7AAI** to receive a gift with purchase.\* Visit us at AAI booth #410 or visit www.ebioscience.com for the latest products.

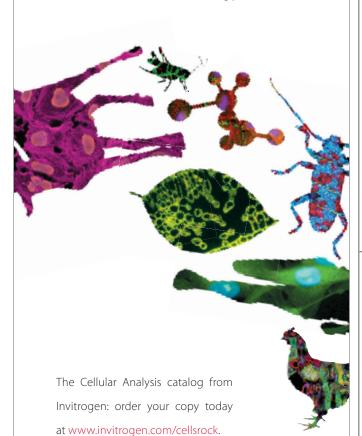
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# IMMUNOLOGY (INC.)

# Rec

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The 47<sup>th</sup> Midwinter Conference of Immunologists will convene **January 26-29, 2008**, at the Asilomar Conference Grounds located in Pacific Grove (Monterey) California. The detailed program information, a schedule of the guest speakers and all pertinent forms may be downloaded from the website:

### www.midwconfimmunol.org

For questions regarding the registration, please email the Registrar, <a href="mailto:kim.gurney@byu.net">kim.gurney@byu.net</a>
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 Naive CD4<sup>+</sup> T Cell Isolation Kit, human

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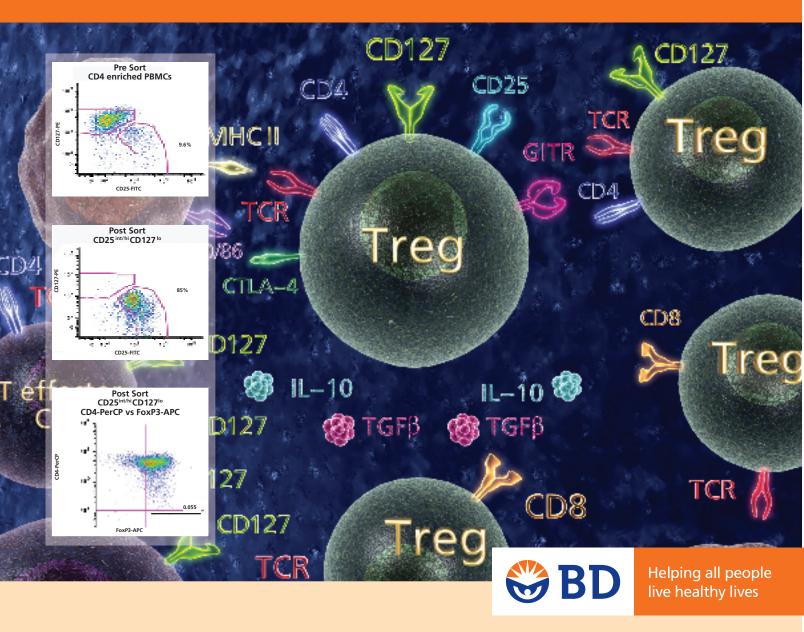
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### Viable Human Regulatory T Cell Analysis

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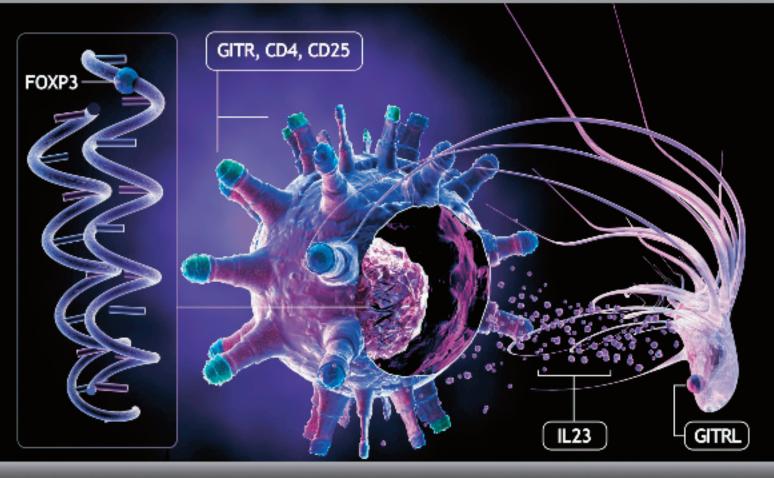
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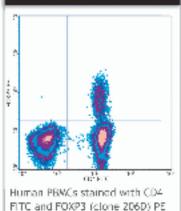
## Accelerating T Regulatory Research





### Differentiation of Full-Length vs. FOXP3 A2

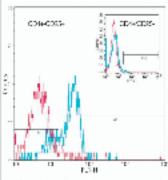
#### Human FOXP3



#### Applications:

Flow Cytometry, IHC, WB

#### Mouse FOXP3

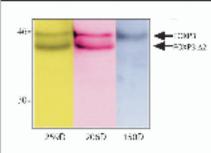


C57BL/6 splenocytes stained with FOXP3 (clone 150D) Alexa Fluor(6)

#### Applications:

Flow Cytometry, IHC, WB

#### Monoclonal Antibodies to FOXP3 Isoforms



WB analysis of cell lysate from Human PBMCs, using anti-FOXP3 mAbs 259D, 206D, and 150D

#### Applications:

Flow Cytometry, IHC, WB

FOXP3 is a hallmark of Treg cells. Two isoforms of FOXP3, full length FOXP3 and FOXP3A2 (which lacks expn 2), have been found in humans, Clones 259D and 206D recognize both fulllength FOXP3 (upper band) and the FOXP3A2 splice variant (lower band), while clone 150D recognizes only full-length FOXP3, indicating that this antibody recognizes an epitope. in the exon 2 resion.



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