

Materials List for:

# Determination of Regulatory T Cell Subsets in Murine Thymus, Pancreatic Draining Lymph Node and Spleen Using Flow Cytometry

Zhengkang Luo<sup>1</sup>, Lina Thorvaldson<sup>1</sup>, Martin Blixt<sup>1</sup>, Kailash Singh<sup>1</sup>

<sup>1</sup>Department of Medical Cell Biology, Uppsala University

Correspondence to: Zhengkang Luo at [Zhengkang.luo@mcb.uu.se](mailto:Zhengkang.luo@mcb.uu.se), Kailash Singh at [kailash.singh@mcb.uu.se](mailto:kailash.singh@mcb.uu.se)

URL: <https://www.jove.com/video/58848>

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## Materials

| Name                                                                        | Company                             | Catalog Number | Comments                                                                                                              |
|-----------------------------------------------------------------------------|-------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------|
| NOD mice                                                                    |                                     |                | In-house breeding                                                                                                     |
| HBSS                                                                        | Statens veterinärmedicinska anstalt | 991750         |                                                                                                                       |
| RPML-1640                                                                   | Sigma-Aldrich                       | R0883-500ML    |                                                                                                                       |
| NH <sub>4</sub> Cl                                                          | EMD Millipore                       | 1011450500     |                                                                                                                       |
| eBioscience Foxp3 / Transcription Factor Staining Buffer Set                | ThermoFisher                        | 00-5523-00     | Contains Fixation/Permeabilization Concentrate , Fixation/ Permeabilization Diluent and Permeabilization Buffer (10X) |
| eBioscience Flow Cytometry Staining Buffer                                  | ThermoFisher                        | 00-4222-26     |                                                                                                                       |
| CD4 Monoclonal Antibody (RM4-5), FITC, eBioscience                          | ThermoFisher                        | 11-0042-85     |                                                                                                                       |
| CD25 Monoclonal Antibody (PC61.5), PE, eBioscience                          | ThermoFisher                        | 12-0251-83     |                                                                                                                       |
| BD Pharmingen APC-H7 Rat anti-Mouse CD8a                                    | BD Biosciences                      | 560182         |                                                                                                                       |
| Mouse Neuropilin-1 APC-conjugated Antibody                                  | R&D Systems                         | FAB5994A       |                                                                                                                       |
| FOXP3 Monoclonal Antibody (FJK-16s), PE-Cyanine7, eBioscience               | ThermoFisher                        | 25-5773-82     |                                                                                                                       |
| Pacific Blue anti-mouse/human Helios Antibody                               | BioLegend                           | 137220         |                                                                                                                       |
| Falcon 5 mL Round Bottom Polystyrene Test Tube, with Cell Strainer Snap Cap | CORNING                             | 352235         | A 35 µm nylon mesh is incorporated into the dual-position snap cap                                                    |
| Tube 15ml, 120x17mm, PP                                                     | Sarstedt                            | 62.554.002     |                                                                                                                       |
| Micro tube 1.5ml                                                            | Sarstedt                            | 72.690.001     |                                                                                                                       |
| disposable scintillation vials                                              | WHEATON                             |                |                                                                                                                       |
| Flow cytometry                                                              | BD                                  |                |                                                                                                                       |
| Flow cytometry analysis software                                            | Inivai Technologies                 | Flowlogic      |                                                                                                                       |