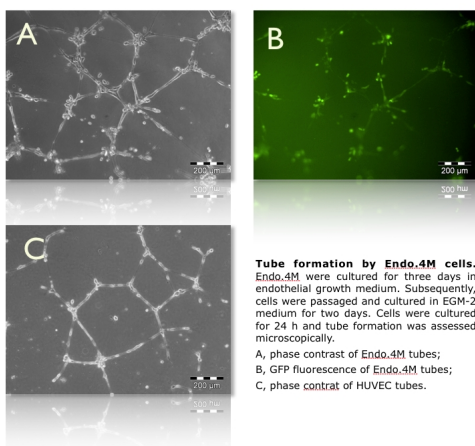


Endo.4M<sup>®</sup> Endothelial Cells are *in vitro* differentiated 100% pure murine endothelial cells produced with the  
ogenesis  
technology.  
The cells are  
in a terminally differentiated status. The endothelial are not prone to de-differentiation and continue to mature  
*in vitro*

Axi

The highly standardized *in vitro* differentiation procedure and the proprietary selection technology results in a uniform population as stage of development and purity (100%) is concerned, thus resulting in very low background signals. Continued supply of homogeneous cell populations all derived from a single clone yields reproducible results in both intra- and inter-lab experiments. Standardized production of large lot sizes and easy handling of the cells make them ideal for high throughput applications.

The cells have been characterized by immunohistochemistry stains and expression analysis of endothelial cell specific markers. The cells also are VEGF inducible as shown in tube formation assays and selectively susceptible to endothelial specific toxicants.



Endo.4M<sup>®</sup> are GFP-positive under the control of a endothelial specific promoter enabling easy tracking of the cells and exemplifying the endothelial character of the cells.

### **Characteristics:**

- Similar performance to mouse umbilical vein endothelial cells (MUVEC).
  - 100% endothelial cells which do not de-differentiate.
  - Continued supply of large lot sizes through highly controlled, standardized production process.
  - Uniform biological response from vial-to-vial and lot-to-lot.
-