

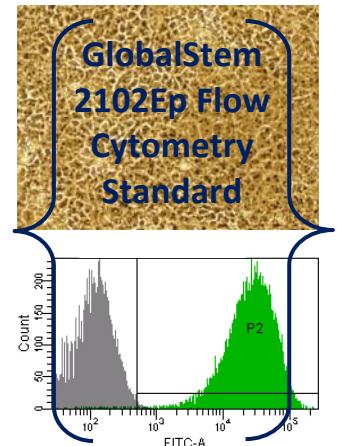
# GlobalStem Flow-Cytometry Standard 2102Ep

WE TAKE OUR CELLS SERIOUSLY™

**Make sure your data is real —authenticate flow cytometry characterization data for pluripotent cells with a standardized external reference!**

Comprehensively characterized GlobalStem 2102Ep cells express typical markers of the undifferentiated state of pluripotent stem cells providing more accurate comparison across experiments. The cells are ready for use after thawing and provide an ideal external reference for characterizing pluripotent stem cells by flow cytometry analysis.

- Paraformaldehyde fixed, nullipotent human embryonal carcinoma line provides standard measurements for undifferentiated pluripotent cells (iPS and ES)
- 100% undifferentiated, homogeneous population
- Easy to use format — just thaw and stain
- Designated reference standard of the International Stem Cell Initiative (ISCI)



**GlobalStem 2102Ep Fixed Cells provide more reliable flow cytometry measurements. For example, when used as a control the cells can assist to:**

- Establish the baseline expression of undifferentiated markers of pluripotent cells to compare future batches or results.
- Determine if “strange” results are due to reagents or the ES cells, revealing potential issues to investigate.

## References

1. International Stem Cell Initiative et al. 2007. Characterization of human embryonic stem cell lines by the International Stem Cell Initiative. *Nature Biotechnology*. 25(7):803-16.
2. Josephson RE et al. 2007. Qualification of embryonal carcinoma 2101Ep as a reference for human embryonic stem cell research. *Stem cells*. 25(2):437-46.

## GlobalStem Quality Control

GlobalStem 2102Ep cells are prepared under aseptic conditions and each lot must pass a meticulous screening process for bacterial, fungal, and mycoplasma contamination. All lots are analyzed against representative pluripotent markers, including: SSEA3, SSEA4, TRA-1-60, TRA-1-81, and Oct4. Quantitative data are provided with each order.

PRODUCTS	CONTENTS	CATALOG NUMBER	US PRICE
GlobalStem 2102Ep Fixed Cells	5 million cells/vial; tested and verified	GSC-2002S	\$169*

\* Order five vials or more and pay only \$149 per vial.

GlobalStem products are for research use only.

Copyright © GlobalStem Inc. 2009.

### GlobalStem Inc.

9430 Key West Avenue • Suite 130 • Rockville • Maryland • 20850 • USA  
 888-545-0238 • 301-545-0238  
[www.globalstem.com](http://www.globalstem.com) • [info@globalstem.com](mailto:info@globalstem.com)