**FLUIDIGM®**

# Cytobank Solutions

## Standard and advanced analyses to get the most out of your CyTOF system

Cytobank is a secure cloud-based solution that provides an end-to-end workflow for your mass cytometry data. Work with your data on any web enabled device (Mac, PC, tablet) and analyze 4 to 50+ parameter data using standard tools such as gating as well as advanced analyses and visualizations such as SPADE and viSNE to get the most out of your CyTOF® data. Data storage and backup are included. The Cytobank solution also includes a collaborations and permissions layer that allows you to work with colleagues across disciplines and geographies.

**1**

**Analyze**
multiparameter data

**2**

**Visualize**
findings and produce high-impact graphics

**3**

**Archive**
data for ready access and compliance

**4**

**Collaborate**
with colleagues across disciplines and geographies

### PREMIUM Cytobank

- Mass cytometry datasets, demos and tutorials

- Cutting-edge analytic tools such as SPADE and viSNE

- The latest visualization tools such as Sunbursts for displaying complex population hierarchies

- Plate-based annotations and dose response analyses

**Free 30-day trial available**

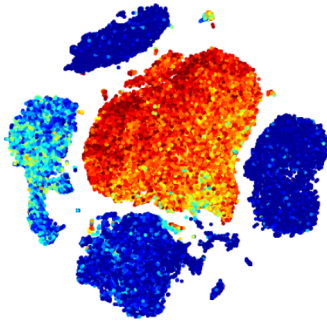Get started by contacting Cytobank at sales@cytobank.org

### ENTERPRISE Cytobank

Includes all features from Premium Cytobank and:

- Administrator dashboard

- Increased security with dedicated computing resources

- Is customizable for enterprise integration and SAML

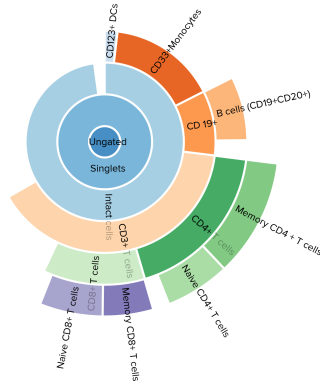- Is ideal for pharma/biotech, service, and core facilities

The Cytobank platform contains advanced visualization tools and algorithms specifically designed for analysis of high-dimensional datasets.
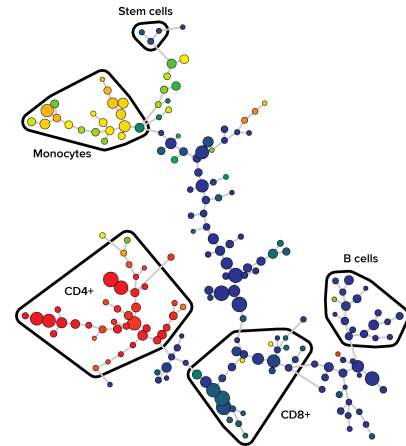
**viSNE**



**Sunburst**



**SPADE**



## Notable Publications

Diggins, K.E. et al. "Methods for discovery and characterization of cell subsets in high dimensional mass cytometry data." *Methods* (2015): doi: 10.1016/j.ymeth.2015.05.008.

Amir, el-A.D. et al. "viSNE enables visualization of high dimensional single-cell data and reveals phenotypic heterogeneity of leukemia." *Nature Biotechnology* 31 (2013): 545–552.

Qiu, P. et al. "Extracting a cellular hierarchy from high-dimensional cytometry data with SPADE." *Nature Biotechnology* 29 (2011): 886–891.

**For technical support visit fluidigm.com/support**