FluoroFinder Provides an Easy Way for Scientists to Design Their Flow Cytometry Experiments!

- Streamline your antibody and functional dye selection >200,000 products from 25 vendors and growing!!
- Build multicolor panels that WORK with your individual cytometer in a fraction of the time
- Return to FluoroFinder throughout your experiment life-cycle to modify your saved panels as needed
FluoroFinder’s Quick Guide to Panel Design!

Follow 3 Easy Steps

1. Choose your Institute, Facility and Cytometer
   Your core’s cytometer configurations are preloaded

2. Fill out Your Marker Details
   Markers, Species, Isotype, Clone, Antigen Density, etc.

3. Select Available Products are from a Digital Worksheet using the industry’s only Multi-Vendor Spectra Viewer

May 2016
Build a Panel

https://app.fluorofinder.com/ccti-columbia/panels/new

Columbia University - Columbia Center for Translational Immunology Flow Cytometry Core

FluoroFinder has implemented Flow Cytometry Core’s machines and configurations. Click on the links below to view configurations for each machine and to begin building a panel or enter a panel already designed.

Cytometers

- Canto II
- Fortessa
- Influx
- LSR II

Register to save your panels. Watch the Intro to FluoroFinder Video.
Step 1: Instrument Profile
Step 1: Review your Instrument

<table>
<thead>
<tr>
<th>Panel Professor</th>
<th>Find out tips, guidelines, and best practices for each step.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color Choices</td>
<td>Select from &gt;350 fluorochromes, dynamically limited by your cytometer configurations.</td>
</tr>
<tr>
<td>Color Intensity</td>
<td>The bars next to each fluorochrome represent its color and relative intensity.</td>
</tr>
<tr>
<td>Search Colors</td>
<td>Determine if a color will work optimally with your cytometer. Find out where it fits within the configuration and add it to the appropriate detector.</td>
</tr>
</tbody>
</table>
Step 2: Select your Markers

<table>
<thead>
<tr>
<th>Marker / Antigen</th>
<th>Target Species</th>
<th>Host Species</th>
<th>Isotype</th>
<th>Clone</th>
<th>Antigen Density</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD4</td>
<td>Human</td>
<td>Any</td>
<td>Any</td>
<td>Any</td>
<td>Any</td>
</tr>
</tbody>
</table>

**Fluorochrome Availability:**
- Alexa Fluor 488
- APC-Fluor 780
- APC-Vio 910

- **Low Ag - Bright Fluor**

| CD9              | Human          | Any          | Any     | Any   | Any             |

**Fluorochrome Availability:**
- Alexa Fluor 488
- APC-Fluor 780
- APC-Vio 910

| CD3              | Any            | Any          | Any     | Any   | Any             |

**CD3e antigen, CD3e molecule**
- CD3 epsilon
- CD3 gamma

| CD30             | Any            | Any          | Any     | Any   | Any             |

- CD30K1-1, CD30L receptor
- CD31

| CD31 antigen, CD31/EndoCAM | Any | Any | Any | Any | Any |

Panel Professor | Save Panel | Go Back | Continue |
Step 2: Marker Selection Functionality

**Target Search**  
Finding targets is easy with predictive text & alternate name search.

**Color Availability**  
Get instant feedback on available products. Results are continually recalculated as you choose host, isotype, & clone.

**Antigen Slider**  
Restrict available colors from Dim to Bright to match the expression levels of your antigen.

**Dump Channel**  
Easily add markers to an exclusion channel. Then choose colors for multiple markers in the same detector.
Step 3: Select your Products
Step 3: Product Selection Functionality

**Color Organization**
Fluorochromes are organized by detector for each marker.

**More Choices**
Add more colors and products 5 ways
1. Colors that fit your cytometer
2. Equivalent colors
3. Additional colors, not in our catalog
4. Fluorescent Proteins
5. Viability Dyes

**Color Intelligence**
After product selection, the marker column and channel are blocked to prevent double stacking. Other channels with significant spillover are also blocked with an option to override this restriction.
Step 3: Selects Reagents from the Product List

### Product Selection

#### 28 Products Available

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>CATALOG #</th>
<th>MARKER</th>
<th>HOST</th>
<th>CLONE</th>
<th>ISOTYPE</th>
<th>SIZE</th>
<th>PRICE</th>
<th>USE</th>
<th>SELECT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biolegend</td>
<td>300415 (TD0)</td>
<td>CD3</td>
<td>Mouse</td>
<td>UCHT1</td>
<td>IgG1 x</td>
<td>100 tests</td>
<td>$225.00</td>
<td>RUO</td>
<td>Select</td>
</tr>
<tr>
<td>Biolegend</td>
<td>300454 (TD0)</td>
<td>CD3</td>
<td>Mouse</td>
<td>UCHT1</td>
<td>IgG1 x</td>
<td>100 μg</td>
<td>$210.00</td>
<td>RUO</td>
<td>Select</td>
</tr>
<tr>
<td>Biolegend</td>
<td>300219 (TD0)</td>
<td>CD3</td>
<td>Mouse</td>
<td>HIT3α</td>
<td>IgG2a x</td>
<td>25 tests</td>
<td>$95.00</td>
<td>RUO</td>
<td>Select</td>
</tr>
<tr>
<td>Biolegend</td>
<td>300320 (TD0)</td>
<td>CD3</td>
<td>Mouse</td>
<td>HIT3α</td>
<td>IgG2a x</td>
<td>100 tests</td>
<td>$225.00</td>
<td>RUO</td>
<td>Select</td>
</tr>
<tr>
<td>Biolegend</td>
<td>344809 (TD0)</td>
<td>CD3</td>
<td>Mouse</td>
<td>SK7</td>
<td>IgG1 x</td>
<td>25 Tests</td>
<td>$125.00</td>
<td>RUO</td>
<td>Select</td>
</tr>
<tr>
<td>Biolegend</td>
<td>317310 (TD0)</td>
<td>CD3</td>
<td>Mouse</td>
<td>OKT3</td>
<td>IgG2a x</td>
<td>100 tests</td>
<td>$225.00</td>
<td>RUO</td>
<td>Select</td>
</tr>
<tr>
<td>Biolegend</td>
<td>344810 (TD0)</td>
<td>CD3</td>
<td>Mouse</td>
<td>SK7</td>
<td>IgG1 x</td>
<td>100 tests</td>
<td>$285.00</td>
<td>RUO</td>
<td>Select</td>
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<tr>
<td>Abcam</td>
<td>ab187572 (DB)</td>
<td>CD2 epsilon</td>
<td>Mouse</td>
<td>APA11</td>
<td>IgG1</td>
<td>50 μG</td>
<td>$370.00</td>
<td>RUO</td>
<td>Select</td>
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<tr>
<td>Life Tech.</td>
<td>MHC00320 (TD0)</td>
<td>CD3</td>
<td>Mouse</td>
<td>S4.1</td>
<td>IgG2a</td>
<td>0.5 mL</td>
<td>Fixed Price</td>
<td>-</td>
<td>Select</td>
</tr>
<tr>
<td>Life Tech.</td>
<td>MAS18133 (TD0)</td>
<td>CD3</td>
<td>Mouse</td>
<td>APA11</td>
<td>IgG1</td>
<td>100 μG</td>
<td>$249.00</td>
<td>RUO</td>
<td>Select</td>
</tr>
</tbody>
</table>

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*Filter results along multiple parameters*  
*Easy access to TDS (product sheets)*

February 2016 10
Step 3: Advanced Features

Spillover Popups

- Use the industry’s only multi-vendor spectra viewer
- Visualize the excitation and emission spectra of all your colors in one place.
- Anticipate the degree of spillover into adjacent channels.
- Determine how well your color selections will work together.

SpectraViewer
Panel Summary

After completing your panel in step 3, click continue for a Panel Summary

Save, email or print your panel for your records. Request a quote for the best available price.
Why should I create a personal FluoroFinder account?

You can use your account to manage your data

• Find all the relevant information for ordering your reagents
• Record your notes, Ab titrations, indicate how well it worked
• Share panels with your lab, department, collaborators or flow core at your discretion
• Easily export your content for publications
• Come back to modify your panel (replace or add new markers) at any time
Need to get in touch with FluoroFinder!

Contact Us: support@fluorofinder.com

Issue: reportbug@fluorofinder.com

Schedule a Demo: demorequest@fluorofinder.com

Feedback: feedback@fluorofinder.com

We take your feedback very seriously. We are always looking to make our tool more meaningful and easy to use for researchers who are working in flow cytometry.