MAP2
Microtubules

Antibody Information

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clone ID</td>
<td>EPR19691</td>
</tr>
<tr>
<td>Fluorophore</td>
<td>AF647</td>
</tr>
<tr>
<td>Antibody Concentration</td>
<td>4 µg/mL</td>
</tr>
<tr>
<td>Mono or Polyclonal</td>
<td>Mono</td>
</tr>
<tr>
<td>Host &amp; Isotype</td>
<td>Rabbit IgG</td>
</tr>
<tr>
<td>Lot Tested</td>
<td>GR3325442-3</td>
</tr>
</tbody>
</table>

Immunofluorescent Screening Information

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tissue Type</td>
<td>FrF Human brain</td>
</tr>
<tr>
<td>Section Thickness</td>
<td>5 µm</td>
</tr>
<tr>
<td>HIER</td>
<td>10 min 100°C</td>
</tr>
<tr>
<td>Proteinase K Concentration</td>
<td>1 µg/mL</td>
</tr>
<tr>
<td>Fixation/Embedding</td>
<td>fresh frozen / OCT</td>
</tr>
</tbody>
</table>

Vendor Information

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vendor</td>
<td>Abcam</td>
</tr>
<tr>
<td>Catalog Number/Web Link</td>
<td>ab225315</td>
</tr>
</tbody>
</table>

Legend

- MAP2: magenta
- VIM: yellow
- SYTO83: grey
- Segmentation for MAP2: green
- Segmentation for VIM: orange

Stained Image Data

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exposure Time</td>
<td>300 ms</td>
</tr>
<tr>
<td>Signal-to-Noise</td>
<td>4.6</td>
</tr>
<tr>
<td>ROI Type</td>
<td>Geometric or Segmented</td>
</tr>
</tbody>
</table>

For more information, please visit nanostring.com/GeoMxDSP

* Recommendations above are meant to act as a starting point for your own experimental optimization