AfCS Solution Protocol

Reagent name: Secondary antibody, Alexa Fluor 647 anti-rabbit IgG
Reagent name abbreviation: Alexa Fluor 647 anti-rabbit
Protocol ID: PS00000532
Version: 01
Volume: Variable, indicated in solution GUI

Components:

<table>
<thead>
<tr>
<th>Reagent</th>
<th>Source</th>
<th>Catalog or Protocol No.</th>
<th>F.W. or Stock Conc.</th>
<th>Quantity</th>
<th>Final Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>5% BSA/0.1% TBST</td>
<td>None</td>
<td>PS00000020</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Alexa Fluor 647 goat anti-rabbit IgG (H+L)</td>
<td>Molecular Probes</td>
<td>A-21244</td>
<td>2 mg/ml</td>
<td>1:1000 dilution</td>
<td>2 µg/ml</td>
</tr>
</tbody>
</table>

Preparation:
1. Add 5% BSA/0.1% TBST to a 15- or 50-ml plastic tube with tight-fitting cap.
2. Pipette Alexa Fluor 647 goat anti-rabbit IgG into tube, and rinse pipette tip into solution.
3. Cap tube and mix by inversion.

Storage:
Temperature: NA
Location: ________________
Aliquot size: NA
Special instructions: Do not store solution. Use immediately.

Author: Nicholas Wong
Date: 08/04/03
Approved: Susanne Mumby
Comments: Protect Alexa Fluor material from long-term exposure to light.