



## Fluoromount-G®

Cat. No.	Format	Size
0100-01	Clear liquid mounting medium	25 mL

### Description

Fluoromount-G® is a water-soluble compound recommended for slides mounted after a staining procedure having an aqueous final step. Since Fluoromount-G® is water-soluble, the coverslip may be removed by submerging the slide in a PBS solution until the coverslip is loosened. This mounting medium also provides a semi-permanent seal for storage of slide preparations. The refractive index of Fluoromount-G® is reported to be ~1.4<sup>70</sup>.

### Applications

IHC-FS <sup>1-28</sup> IHC-PS <sup>7,29,30</sup>	IHC-WM <sup>31-33,48</sup> ICC <sup>12,17,30,34-64</sup>	(F)ISH <sup>6,65</sup> TUNEL <sup>6,54</sup>	PLA <sup>66</sup>
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Fluoromount-G® is compatible with the following reagents –

AEC <sup>29</sup>	Chlorin e6 (Ce6) <sup>56</sup>	Fast Red <sup>17</sup>	NeuroTrace® 435/455 Blue <sup>1</sup>
Alexa Fluor® 350 <sup>57</sup>	Coumarin <sup>28</sup>	FD Rapid GolgiStain™ <sup>69</sup>	NeuroTrace® 640/660 Deep-Red <sup>16</sup>
Alexa Fluor® 405 <sup>23</sup>	CY2 <sup>1</sup>	FLIVO® <sup>3</sup>	Nile Red <sup>35</sup>
Alexa Fluor® 488 <sup>2,4,6,7,13,15,16,18,20,21,25,26,28,35...</sup>	CY3 <sup>1,8,22,65</sup>	FluoProbes® 488 <sup>38</sup>	NorthernLights™ 493 <sup>9</sup>
Alexa Fluor® 532 <sup>44</sup>	CY3.5 <sup>25</sup>	FluoProbes® 547H <sup>38</sup>	NorthernLights™ 557 <sup>12</sup>
Alexa Fluor® 546 <sup>6,39,48,58</sup>	CY5 <sup>24</sup>	Fluorescein (FITC) <sup>5,22-25,27,54,60,65</sup>	Oil Red O <sup>59</sup>
Alexa Fluor® 555 <sup>15,26,41,68</sup>	CY5.5 <sup>56</sup>	Fluoro-Emerald <sup>26,67</sup>	Oregon Green® 488 <sup>46</sup>
Alexa Fluor® 568 <sup>16, 23,25</sup>	DAB <sup>14,17</sup>	Fluoro-Gold <sup>27</sup>	Pacific Blue™ <sup>10</sup>
Alexa Fluor® 594 <sup>2,4,5,13,18,23,26,62</sup>	DAPI <sup>1,3,7,9,11,13,21,24-26,42,45,46,48,50,51,53,54,61,65</sup>	Fluoro-Jade® <sup>18</sup>	Phycoerythrin (PE) <sup>40</sup>
Alexa Fluor® 633 <sup>38</sup>	DiI <sup>53</sup>	Fluoro-Ruby® <sup>67</sup>	Phycoerythrin/Cyanine 7 (PE/CY7) <sup>40</sup>
Alexa Fluor® 635 <sup>57</sup>	DiI <sup>58</sup>	FM® 4-64 <sup>46</sup>	Propidium Iodide (PI) <sup>24</sup>
Alexa Fluor® 647 <sup>2,4,31,33,39,40,48</sup>	DRAQ5® <sup>6,19</sup>	GFP <sup>30,45,46,61</sup>	PROTEOSTAT™ <sup>13</sup>
Alexa Fluor® 660 <sup>68</sup>	DsRed <sup>43,48</sup>	HCS LipidTOX™ Deep Red <sup>31</sup>	Qtracker® 655 <sup>12</sup>
Alizarin Red S <sup>21</sup>	dTomato <sup>31</sup>	HCS LipidTOX™ Green <sup>33</sup>	Red Fluorescent Protein (RFP) <sup>61</sup>
AMCA <sup>30</sup>	DyLight® 350 <sup>63</sup>	Hematoxylin <sup>17,22,29</sup>	Rhodamine (TRITC) <sup>27,60</sup>
AmCyan <sup>23</sup>	DyLight® 405 <sup>8</sup>	Hoechst 33258 <sup>68</sup>	Rhodamine 6G <sup>50</sup>
Amylo-Glo® <sup>15</sup>	DyLight® 488 <sup>26,51</sup>	Hoechst 33342 <sup>13,20,36,46</sup>	Rhodamine B <sup>32</sup>
APC <sup>11,44</sup>	DyLight® 550 <sup>45,51,55</sup>	Hoechst 34580 <sup>22,49</sup>	Rhodamine Red™-X <sup>20</sup>
BCIP/NBT <sup>6</sup>	DyLight® 594 <sup>10</sup>	Image-iT® FX Signal Enhancer <sup>10</sup>	Sudan Black B <sup>20</sup>
BODIPY® 493/503 <sup>64</sup>	DyLight® 633 <sup>55</sup>	Lissamine™ Rhodamine B <sup>24</sup>	SYTOX™ Green <sup>6,44</sup>
BODIPY® FL <sup>34</sup>	DyLight® 650 <sup>10</sup>	LysoTracker® Green <sup>52</sup>	TACS® 2 TdT Blue <sup>54</sup>
Brilliant Violet 421™ <sup>31</sup>	eFluor® 450 <sup>5</sup>	LysoTracker® Red <sup>34,56,63</sup>	Texas Red® <sup>7,30,34</sup>
CdSe-ZnS Quantum Dots <sup>52</sup>	eFluor® 615 <sup>11</sup>	Marina Blue® <sup>19</sup>	Thioflavin S <sup>26</sup>
CellMask™ Orange <sup>62</sup>	EGFP <sup>31,48</sup>	mCherry <sup>48</sup>	TMR Red <sup>6</sup>
CellTracker™ Blue <sup>39</sup>	Eosin <sup>22</sup>	MitoTracker® Deep Red <sup>60</sup>	TO-PRO®-3 <sup>43</sup>
CellTracker™ Green <sup>36</sup>	ER-Tracker™ Green <sup>34</sup>	MitoTracker® Orange <sup>47</sup>	TSA™ CY3 <sup>2</sup>
CellTracker™ Orange <sup>36</sup>	Ethidium Bromide <sup>41</sup>	MitoTracker® Red <sup>45</sup>	X-gal <sup>6</sup>
CF®488A <sup>37</sup>	Evans Blue <sup>3</sup>	MTT <sup>7</sup>	Yellow Fluorescent Protein (YFP) <sup>6</sup>
CF®568 <sup>37</sup>	EYFP <sup>4</sup>	NBD C <sub>6</sub> -Ceramide <sup>42</sup>	
CF®660C <sup>37</sup>	Fast Blue <sup>17,27</sup>	NBT <sup>14</sup>	

### Suggested Protocol

- Prepare samples and perform staining according to established procedures
- Following aqueous final step, remove excess liquid around the sample and add 1 drop (~50 µL) of Fluoromount-G® for an area of 22 x 22 mm
- Mount coverslip and remove excess mounting medium
- Allow to air dry for 5 minutes prior to analysis

### Handling and Storage

- Fluoromount-G® is supplied as a 25 mL solution containing NaN<sub>3</sub> as preservative. Store at ambient temperature.

### Warning

Contains sodium azide. Please refer to product specific SDS.

### References

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Corporate Offices: 160 Oxmoor Blvd • Birmingham, AL 35209 • USA Mailing Address: P.O. Box 26221 • Birmingham, AL 35260 • USA

Tel: 205.945.1774 • U.S. and Canada: 800.722.2255 • Fax: 205.945.8768

Email: [info@southernbiotech.com](mailto:info@southernbiotech.com) • Website: [www.southernbiotech.com](http://www.southernbiotech.com)

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