

Single-molecule imaging workshop

User guide

Step 1 : check your fluorophore

Here is a list of fluorophores compatible with STORM that we validated:

→ Atto 488, WGA-AF ® 488

→ AF ® 532, CF ® 532, Cy3b

→ AF ® 555, AF ® 594, CF ® 555, AF ® 568, CF ® 568, Cy5, MemBrite™ 568, TMR

→ AF ® 647, CF ® 647, AF ® 680, CF ® 680, MemBrite™ 640, Actin-stain 670, SiR647

If you have a choice, use AF ® 647 for best results!

Step 2 : check your coverslip

To make sure we will be able to image your sample:

→ Your coverslip should be **unmounted**. We will mount your coverslip in our abbelight STORM buffer right before the acquisition.

→ Your coverslip should not be too small (size of 20-25 mm would be perfect) and the thickness should be N°1.5 or N°1.5H.

If you have any questions, please feel free to contact us at:

clement@abelight.com

Thank you!

