



## CERTIFICATE OF ANALYSIS

**Catalog Number** L161B  
**Product Name** Cy5 Streptavidin  
**Lot Number** AB161L1

	LOT DATA	SPECIFICATION
<b>Absorption</b> Maximum Degree of Labeling	650 nm 3	651 ± 5 nm 2 - 4
<b>Fluorescence</b> Emission Maximum Relative Quantum Yield <sup>1</sup>	666 nm 1.5	665 ± 5 nm ≥1.0
<b>Microscopy</b> Immunocytochemistry <sup>2</sup>	meets specification	Good staining, negligible background
<b>Purity</b> <sup>3</sup> TLC	meets specification	No free dye detected

1. Quantum yield determined relative to 7-hydroxy-9H-(1,3-dichloro-9,9-dimethylacridin-2-one) (DDAO).
2. Cell staining performed using a primary antibody specific for cell type, and this product.
3. Solvent: acetonitrile/water (4/1).