



## CERTIFICATE OF ANALYSIS

**Catalog Number** L143A  
**Product Name** Cy7 Goat Anti-Mouse IgG (H+L) Antibody  
**Lot Number** AB143L1

	LOT DATA	SPECIFICATION
<b>Absorption</b> Maximum Degree of Labeling	751 nm 3	750 ± 5 nm 2 - 4
<b>Fluorescence</b> Emission Maximum Relative Quantum Yield <sup>1</sup>	775 nm 1.8	775 ± 5 nm ≥1.4
<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 IR125.
2. Cell staining performed using a primary antibody specific for cell type, and this product.
3. Solvent: acetonitrile/water (4/1).