



CERTIFICATE OF ANALYSIS

Catalog Number L143B
Product Name Cy7 Goat Anti-Mouse IgG (H+L) Antibody
Lot Number AB143L1

	LOT DATA	SPECIFICATION
Absorption Maximum Degree of Labeling	751 nm 3	750 ± 5 nm 2 - 4
Fluorescence Emission Maximum Relative Quantum Yield ¹	775 nm 1.8	775 ± 5 nm ≥1.4
Microscopy Immunocytochemistry ²	meets specification	Good staining, negligible background
Purity ³ 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).