



CERTIFICATE OF ANALYSIS

Catalog Number L140B
Product Name Cy5.5 Goat Anti-Mouse IgG (H+L) Antibody
Lot Number AB140L1

	LOT DATA	SPECIFICATION
Absorption Maximum Degree of Labeling	680 nm 4	680 ± 5 nm 3 - 6
Fluorescence Emission Maximum Relative Quantum Yield ¹	700 nm 0.4	702 ± 5 nm ≥0.2
Microscopy Immunocytochemistry ²	meets specification	Good staining, negligible background
Purity ³ 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).