



CERTIFICATE OF ANALYSIS

Catalog Number L109A
Product Name Andy Fluor™ 488 Goat Anti-Mouse IgG (H+L) Antibody
Lot Number AB109L1

	LOT DATA	SPECIFICATION
Absorption Maximum Degree of Labeling	495 nm 4	494 ± 5 nm 4 - 8
Fluorescence Emission Maximum Relative Quantum Yield ¹	520 nm 0.7	520 ± 5 nm ≥0.5
Microscopy Immunocytochemistry ²	meets specification	Good staining, negligible background
Purity ³ TLC	meets specification	No free dye detected

1. Quantum yield determined relative to fluorescein at pH 8.0.
2. Cell staining performed using a primary antibody specific for cell type, and this product.
3. Solvent: acetonitrile/water (4/1).