

Lightning-Link™ Cy7 Conjugation Kit Data Sheet

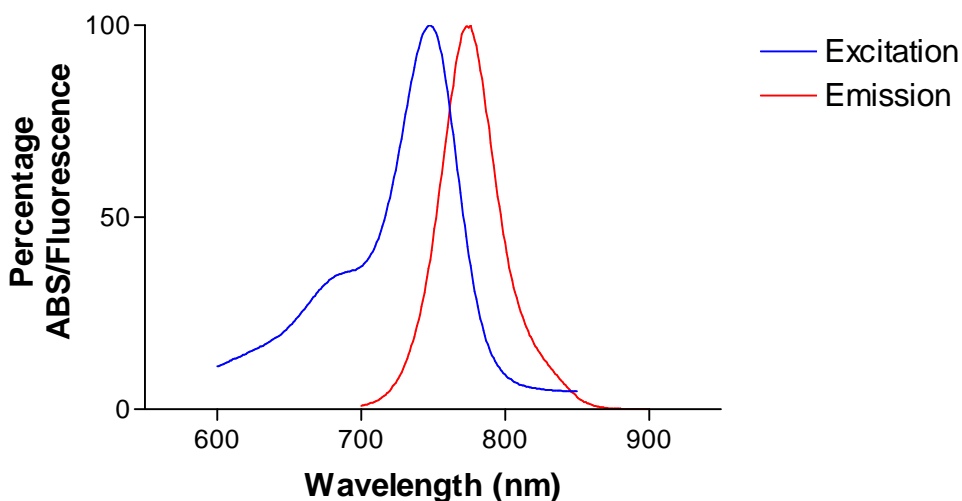
783-0010 and 783-0015

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Technical bulletin 7836

Cyanine dyes are commonly used as fluorescent labels for proteins, nucleic acids and small molecules. Cyanine Dye7 (Cy7) has a strong absorption peak at 747nm. The maximum emission peak is at 776nm, with an excitation coefficient of $2.0 \times 10^5 \text{ cm}^{-1} \text{ M}^{-1}$.

**Excitation and Emission Scan
of Lightning-Link Cy7**



Absorbance Max (nm)	Emission Max (nm)	Excitation Coefficient	Fluorescent Colour	Stokes Shift
747	776	200000	Far red	29