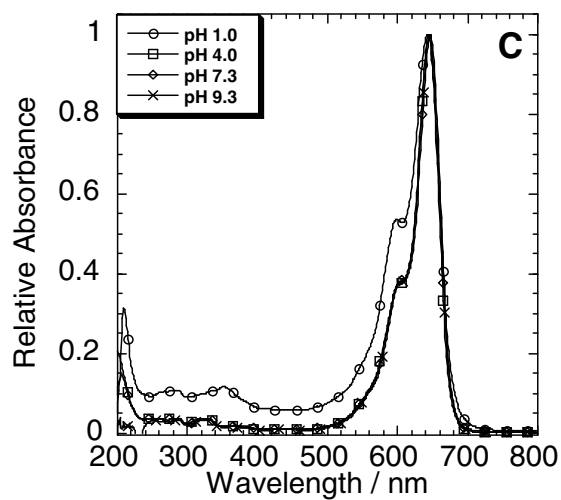
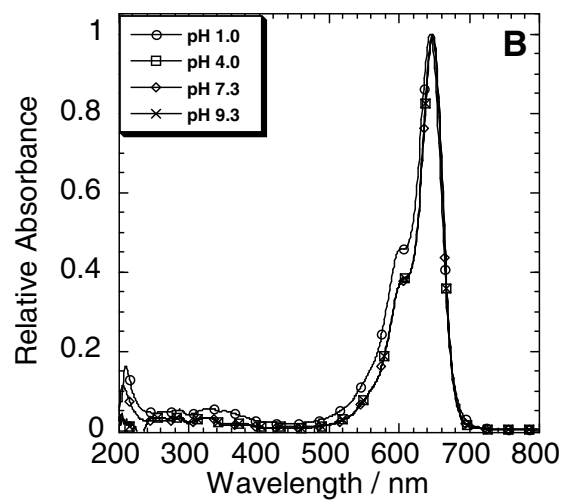
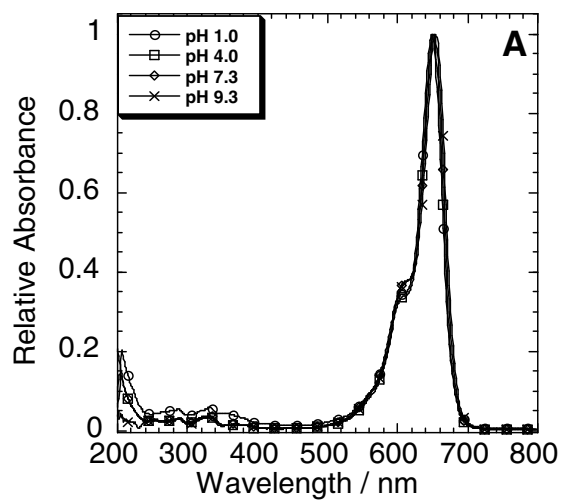


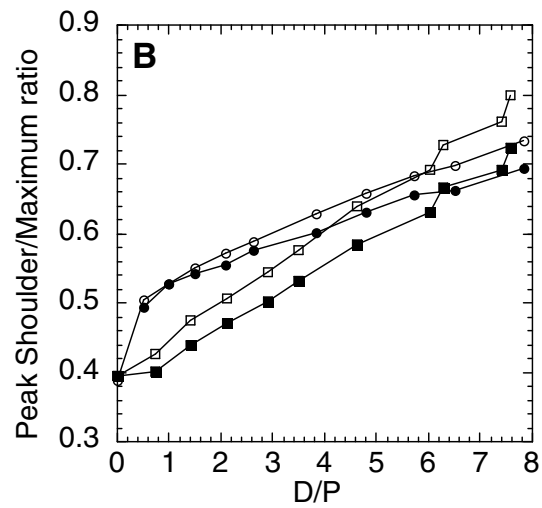
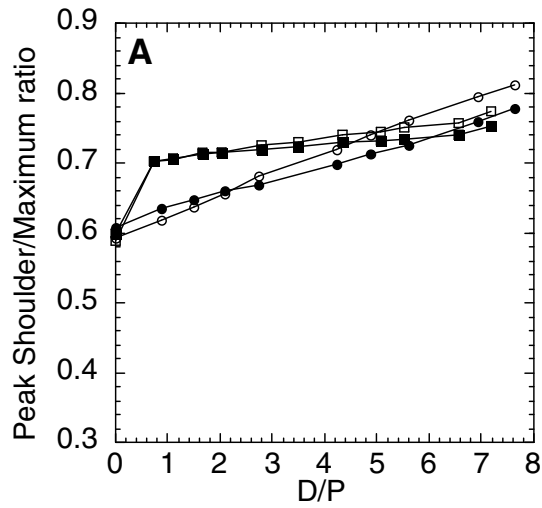
**Synthesis and Properties of Phosphonic Acid Containing
Cyanine and Squaraine Dyes for Use as Fluorescent
Labels**

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Supplemental Figure 1. Absorption spectra at pH 1 (circle), pH 4 (square), pH 7.3 (diamond) and 9.3 (cross) of A) **19**, B) **23** and c) **21**.



Supplemental Figure 2. Plots of peak shoulder to peak maximum for as a function of dye to protein ratio. (A) IgG-16 pH 7.3 (open circles), IgG-16 pH 9.3 (solid circles), IgG-18 pH 7.2 (open squares), IgG-18 pH 9.3 (solid squares) and (B) (A) IgG-21 pH 7.3 (open circles), IgG-21 pH 9.3 (solid circles), IgG-23 pH 7.2 (open squares), IgG-23 pH 9.3 (solid squares).