

## Supporting Information

### Preparation and Characterization of Acrylic and Methacrylic Phospholipid-Mimetic Polymer Hydrogels and Their Applications in Optical Tissue Clearing

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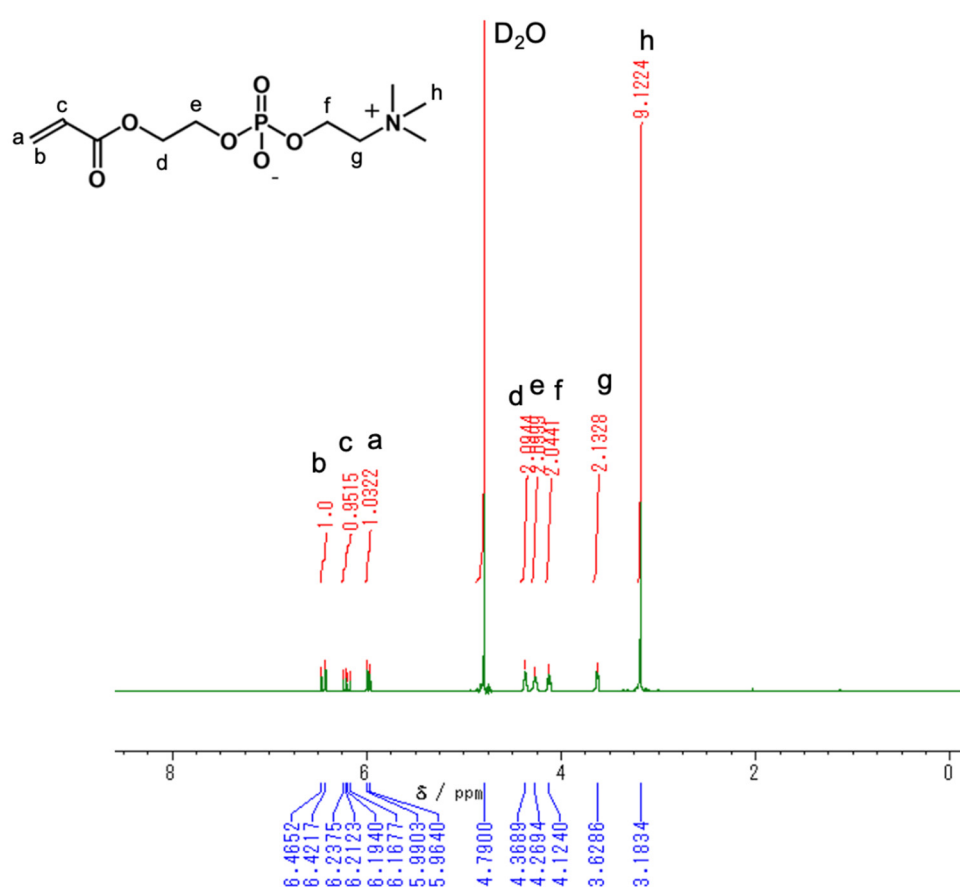


Figure S1.  $^1\text{H}$  NMR spectrum of APC.

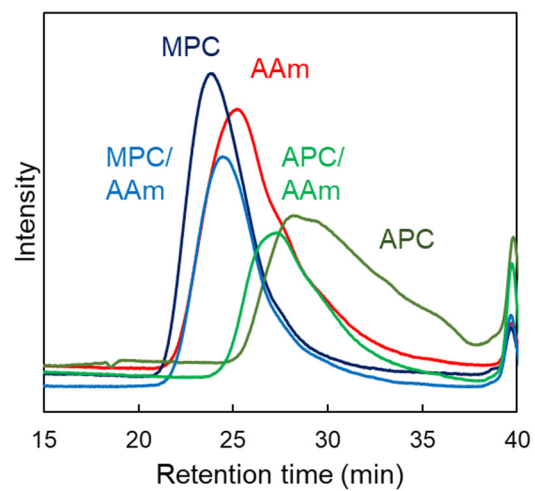
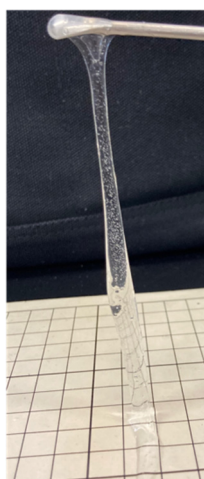


Figure S2. GPC chromatograms of synthesized polymers.

(A)



(B)

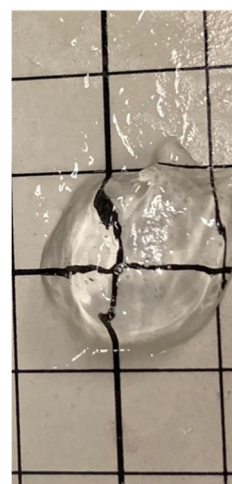


Figure S3. Photos of the PMPC-t hydrogels crosslinked at (A) 13 mM and (B) 19.5 mM.

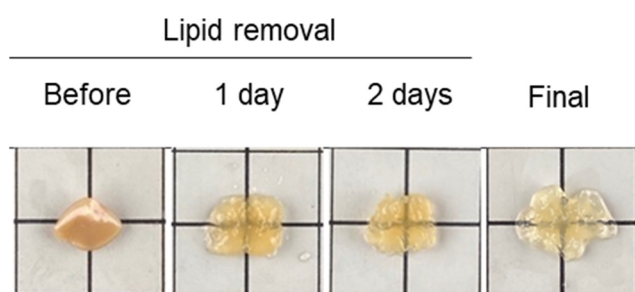


Figure S4. Optical clearing of tumor tissues using the PMPC-t hydrogel by electrophoresis.