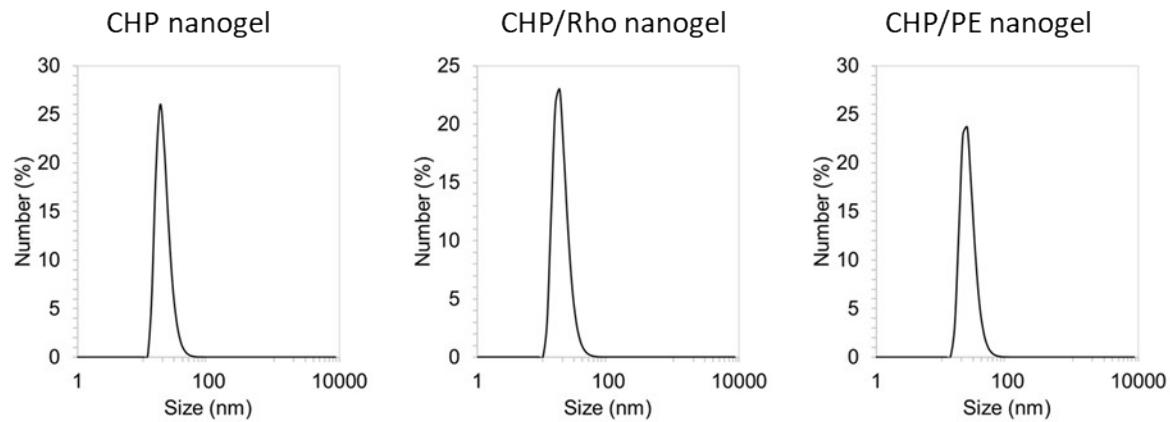
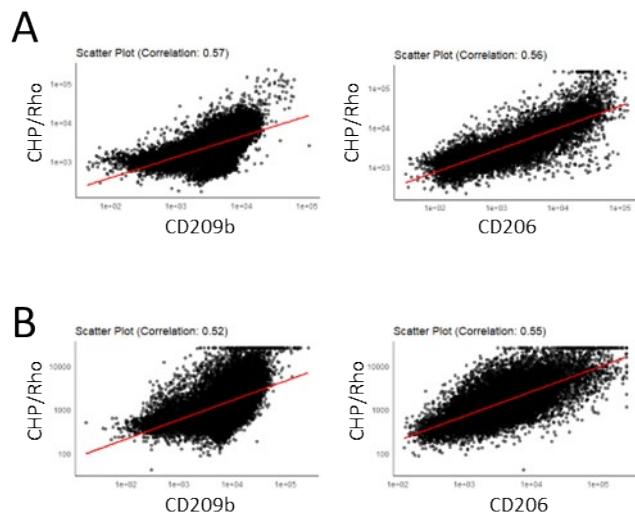


Supporting Information:



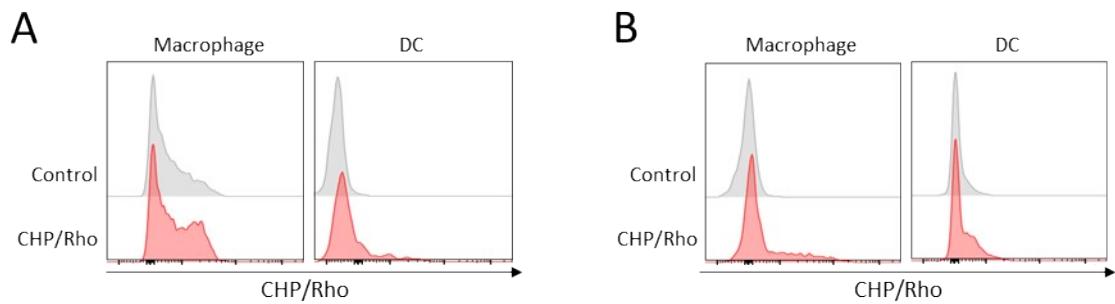
Supplementary figure 1. Histograms of CHP nanogel, CHP/Rho nanogel, and CHP/PE nanogel

The size of CHP nanogel, CHP/Rho, and CHP/PE was measured using dynamic light scattering analysis.



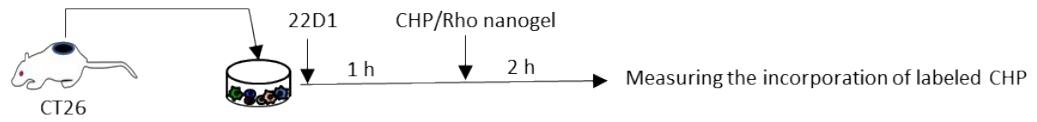
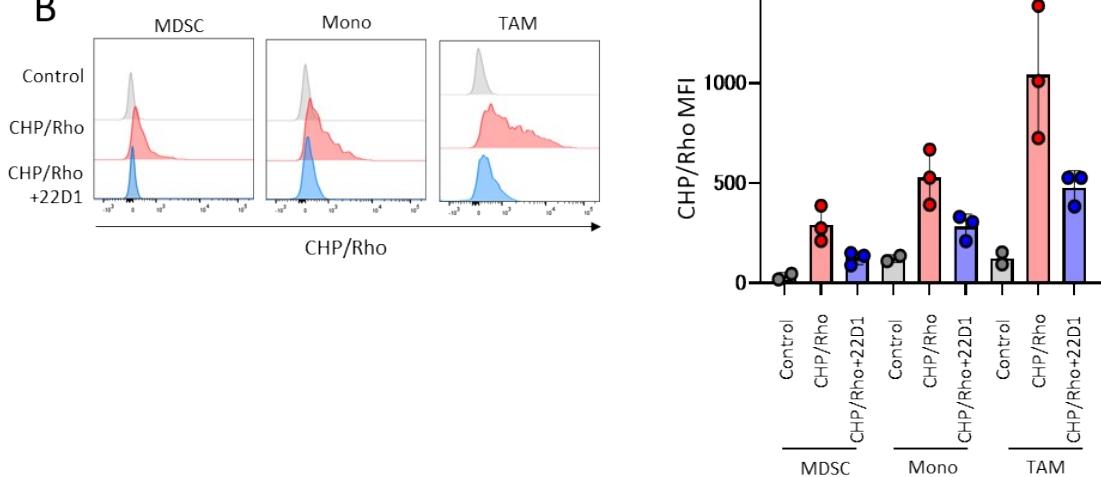
Supplementary figure 2. Correlation between CHP uptake and CD209b or CD206 expression.

BALB/c mice bearing CT26 (A) or CMS5a (B) tumors were intravenously injected with the CHP/Rho nanogel, and the tumors were subsequently harvested. The uptake of labeled CHP by CD11b-positive cells was measured using flow cytometry. Scatter plots presenting representative data illustrating the correlation between CHP uptake and CD209b and CD206 expression levels.



Supplementary figure 3. Macrophages and dendritic cells in the spleen and lymph nodes do not take up CHP nanogels.

CMS5a tumor-bearing BALB/c mice were intravenously injected with CHP/Rho nanogel, and spleen (A) and tumor-draining lymph nodes (B) were harvested. The uptake of labeled CHP nanogel in macrophages or dendritic cells was measured by flow cytometry.

A**B**

Supplementary figure 4. TAMs uptake the CHP nanogel via CD209b in an ex vivo model.

(A) Tumors were harvested from CT26 tumor-bearing BALB/c mice and cultured in a medium containing the CHP/Rho nanogel. (B) Uptake of labeled CHP nanogels by immune cells measured using flow cytometry. Histograms represent representative data for CHP incorporation. Data are presented as the means \pm standard error of the mean (SEM). **p < 0.01, ***p < 0.0001, analyzed using a one-way ANOVA.