

Supplementary information

Carcinogenicity evaluation for the application of carbon nanotubes as biomaterials in rasH2 mice

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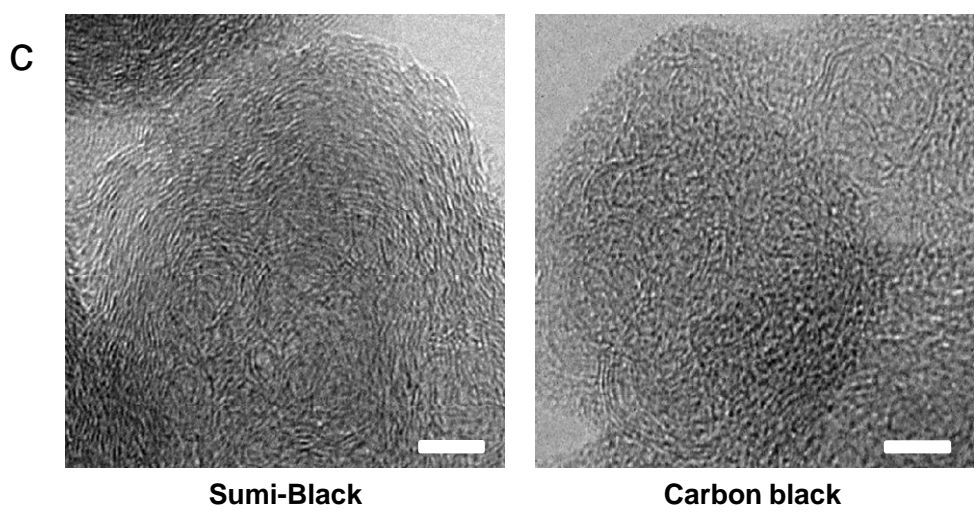
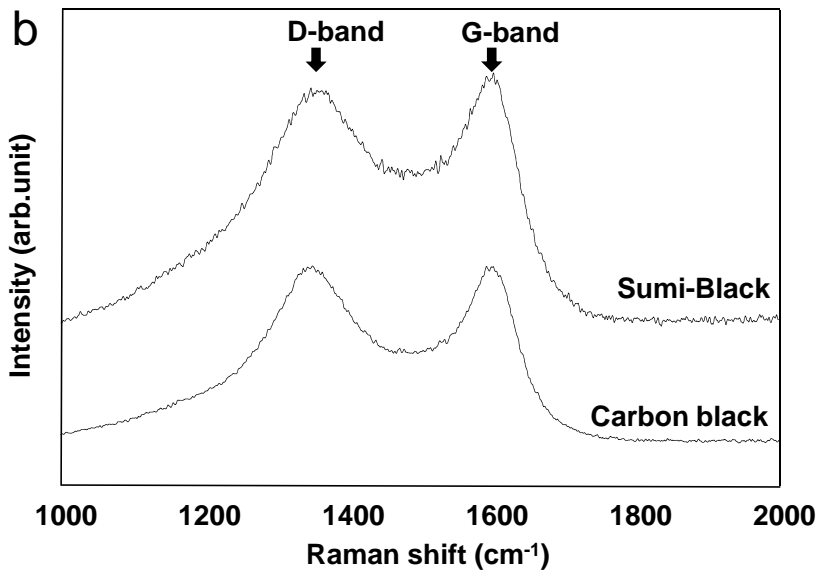
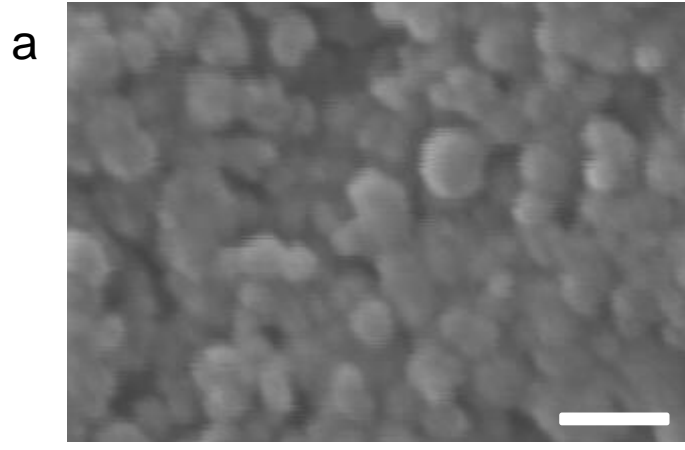
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Figure legends

Supplementary Fig. S1

Component of tattoo ink used as reference material was carbon black. (a) SEM image of tattoo ink: uniform particles with diameters of about 40 nm were observed. Scale bar: 100 nm. (b) Raman spectroscopy of tattoo ink and carbon black: tattoo ink showed a Raman shift similar to that of carbon black. D band: defect-induced mode; G band: E_{2g2} graphite mode. (c) TEM image of tattoo ink and carbon black: Similar particles were observed. Scale bar: 100 nm

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Supplementary Fig. S1