Reviewer's report

**Title:** Anti-HER2 IgY antibody-functionalized single-walled carbon nanotubes for detection and selective destruction of breast cancer cells

**Version:** 2  **Date:** 6 August 2009

**Reviewer:** david A scheinberg

**Reviewer's report:**

1. The response to the question of potential use of the IgY is much better but still does not get at the essential problem of immunogenicity: if the IgY are immunogenic in humans they will not be useful and the authors should address this directly in the discussion.

2. While improved, the authors also do not directly address the issue of tissue penetration, saying only that it is "significantly higher"; but without actual lengths, it will be difficult to assess whether such constructs will be useful in vivo. Is it mm or cm or 10’s of cm?

Other comments are answered well.

**Level of interest:** An article of importance in its field

**Quality of written English:** Acceptable

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

I work in this field and consult for a biotech company in this field.