Author's response to reviews

Title: Cross-linking of CD24 inhibits growth of MCF-7 breast cancer cells

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Author's response to reviews: see over
Letter to Editor

Dear Dr. Abigail Brown

Thank you so much for giving us the opportunity to revise this manuscript. Please find enclosed our revised manuscript entitled “CD24 cross-linking induces apoptosis in, and inhibits migration of, MCF-7 breast cancer cells”.

The reviewers’ very helpful comments were addressed as follows:

Reviewer-1: Glen Kristiansen

Major points.
Polyclonal antibody was raised against full length CD24 protein, but unfortunately this does not excluded unspecific binding of the resultant antibody. Unless this is resolved, it remains to be shown, if the inhibitory effect observed by the authors is only CD24 mediated. I am not sure, if I am being picky on this point of antibody specificity, but it would be nice to have further confirmatory experiments to harden the authors claim.

→ We selected anti-human CD24 (SN3) mouse monoclonal antibody (Santa Cruz Biotechnology, Cat No:sc-19585).
→ We provide inhibition of growth in MCF-7 cells cross-linked with anti-human CD24 (SN3) mouse monoclonal antibody raised against NALM-1 human pre-B leukemia cell line in supplementary figure-2,3.
→ We inserted the sentence about effect of mouse monoclonal antibody in discussion lines 13-19

Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

→ We rewrite the sentence as indicated

We thank all the valuable comments from the reviewers. We hope that after these corrections our manuscript will be acceptable for publication in BMC Cancer.

Sincerely yours,
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