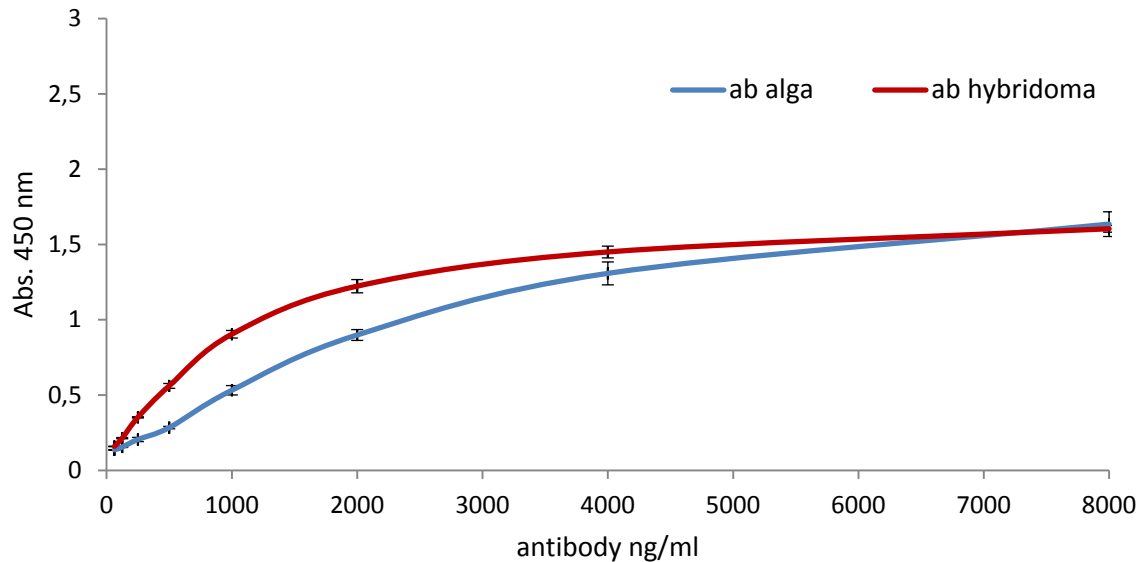




Additional file 1: Comparing functionality of purified algal and hybridoma produced α MARV NP antibodies in ELISA. ELISA studies measuring the binding affinity for MARV NP protein revealed that the algal produced antibodies (protein A purified) bind to the protein, but affinity is reduced compared to the hybridoma produced antibodies. There was no significant difference in binding efficiency between antibodies taken directly from the algal medium (Fig. 2b) and purified algal antibodies. Error bars indicate standard deviation (n=3).