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**S1 Fig. Determination of antibody immobilization efficiency of commercially available carboxylated beads:** Murine monoclonal BBM.1 antibody (1° antibody) was added to protein A-coated PS, PMMA, and SiO2 beads. The BBM.1 antibody was then detected by goat anti-mouse secondary antibody coupled to Alexa Fluor 488. Fluorescence of the beads was measured by flow cytometry.