



Figure 4. Correlation of bead assay results with standard assay results. High correlation of the novel bead assay with the standard assay is observed for the SMP reagent ($r = 0.82$). A cutoff value of 0.19 optimizes classification accuracy consistent with the standard assay classification with a reported cutoff value of 0.27. The assay misclassifies just 4 out of 32 mAbs (top left), all as false positives, indicating strength as a de-risking tool for antibody development.