S2 Table. Experimental binding affinities for the three antibody pairs.

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| --- | --- | --- |
| Antibody Fab | GL/AM | Kd (μM) |
| Anti-Fluorescein | GL | 7-150 [[2](#_ENREF_2),[3](#_ENREF_3)]a |
|  | AM | 0.22 [[3](#_ENREF_3)] |
| Anti-CD3 | GL | No binding [[4](#_ENREF_4)] |
| AM | 0.64 [[5](#_ENREF_5)] |
| Esterolytic catalytic Ab | GL | 0.330 [[6](#_ENREF_6)] |
| AM | 0.045 [[6](#_ENREF_6)] |

a. The binding affinity of anti-fluorescein antibody with the germline sequences in both heavy and light chains are not available. Here a range of Kd values corresponding to FA antibodies with a single mutation away from GL is provided.