**Supplementary Table S1.**

Human immune effector Fc and C1Q binding EC50 (nM)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Antibody** | **FcγRI** | **FcγRIIa(H)** | **FcγRIIb** | **FcγRIIIa(F)**  | **FcγRIIIa(V)**  | **C1q**  |
| **7A5 IgG1** | 0.27 | 97.18 | >134\* | 68.89 | 40.89 | 27.07 |
| **7A5 IgG1-EN** | >5\* | >134\* | >134\* | >134\* | >134\* | >330\* |
| **Rituximab** | 0.78 | 93.7 | >134\* | 19.0 | 6.15 | 8.9 |

\*Maximum concentration of Ab tested. EN: effector null.