|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Entry | *A*280 | *A*252 | CmAb (Moles) | CDM1(Moles) | DAR CDM1/CmAB |
| hIgGFC-DM1 | 0.51 | 0.48 | 6.92705E-06 | 1.1531E-05 | 1.7 |
| Ipilimumab-DM1 | 0.62 | 0.42 | 2.30582E-06 | 7.32032E-06Drug to antibody ratio (DAR)= CDM1/ CmAB. DM1 known extinction coefficients (A280, 5700 M-1cm-1 ; A252, 28084 M-1cm-1 ). Experimentally derived extinction coefficients for Ipilimumab (A280, 242115 M-1cm-1 ; A252, 92989 M-1cm-1) and hIgGFc (A280, 64136 M-1cm-1 ; A252, 22544 M-1cm-1)  | 3.2 |

**Table S1. Drug to antibody ratio (DAR)**