**Table S1. Binding affinity of various SM antibodies for gB and their respective neutralization activity**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ka (1/Ms)\* | kd (1/s) | KD (M) | 50% neutralization activity(µg/ml)\*\* |
| SM1-6 | 7.6 x 104 | 5.1 x 10-4 | 6.8 x 10-9 | 1.3 |
| SM3-1 | 5.6 x 104 | 8.4 x 10-4 | 1.5 x 10-8 | 1.2 |
| SM6-5 | 7.7 x 104 | 1.2 x 10-4 | 1.5 x 10-9 | 0.5 |
| SM5-1 | 4.0 x 105 | 2.4 x 10-5 | 5.7 x 10-11 | 0.3 |
| SM4-3 | 4.1 x 105 | 1.5 x 10-4 | 3.6 x 10-10 | 0.6 |
| SM11-17 | 5.7 x 104 | 3.2 x 10-4 | 5.6 x 10-9 | 1.0 |

\* All SM antibodies were isolated and analyzed by surface plasmon resonance (SPR) as previously described ([1](#_ENREF_1)). KD was calculated as follows: KD = kd/ka

\*\* Please note that these neutralization activities have already been reported in our previous publication ([1](#_ENREF_1)).

1. Potzsch, S., Spindler, N., Wiegers, A.K., Fisch, T., Rucker, P., Sticht, H., Grieb, N., Baroti, T., Weisel, F., Stamminger, T. *et al.* (2011) B cell repertoire analysis identifies new antigenic domains on glycoprotein B of human cytomegalovirus which are target of neutralizing antibodies. *PLoS pathogens*, **7**, e1002172.