

S3 Table. Binding kinetics of anti-NS1 Mabs to dengue NS1 antigen by Surface Plasmon Resonance (SPR)

Antibody name	Specificity	rD1NS1			rD2NS1			rD3NS1		
		K_{on} ($10^4M^{-1}s^{-1}$)	K_{off} ($10^{-4}s^{-1}$)	K_D (nM)	K_{on} ($10^4M^{-1}s^{-1}$)	K_{off} ($10^{-4}s^{-1}$)	K_D (nM)	K_{on} ($10^4M^{-1}s^{-1}$)	K_{off} ($10^{-4}s^{-1}$)	K_D (nM)
1B10	D2				26.10±6.43	8.14±1.01	3.18±0.37			
3D1	D2				61.70±55.52	11.0±6.22	2.02±0.43			
1A4	D2				35.00±26.16	16.80±1.97	6.25±4.07			
4B4	D2				ND	ND	ND			
5F3	D1, D3	5.53±0.74	2.58±0.48	4.72±1.00				8.37±2.92	1.93±0.46	2.44±0.59
84B	D1	2.49±1.24	12.3±7	54.8±24.5						
46A	D3							21.30±16.26	20.50±10.24	12.30±7.00

ND = Unable to determine due to its over ranged values.