

S1 Table. Characteristics and properties of anti-NS1 Mabs used in this study

No.	Mab name (1)	Mab name (2)	Isotype	Reactivity to DENV serotype	Type of Epitope
1	D1NS1-84	84B	IgG1	1	conformation
2	D2NS1-3D1	3D1	IgG1	1, 2	conformation
3	D2NS1-1A4	1A4	IgG2a	2	conformation
4	D2NS1-1B10	1B10	IgG1	2	linear
5	D2NS1-2C5	2C5	IgM	2	conformation
6	D2NS1-4B4	4B4	IgM	2	conformation
7	D2NS1-1B2	1B2	IgG1	1-4	linear
8	D2NS1-2G6	2G6	IgM	1, 2	conformation
9	D2NS1-3A2	3A2	IgG1	2	conformation
10	D2NS1-4D2	4D2	IgG1	1-4	linear
11	D3NS1-7	7A	IgG2b	3	conformation
12	D3NS1-46	46A	IgG2b	3	conformation
13	D3NS1-5F3	5F3	IgG1	1, 3	linear
14	D4NS1-4	4A	IgG2b	4	conformation
15	D4NS1-24	24A	IgG1	4	conformation
16	D4NS1-181	181	IgG1	4	conformation
17	D4NS1-9	S9.6	IgG1	1, 4	linear
18	NS1-1F (2E11)	2E11	IgM	1-4 and flaviviruses	linear
19	NS1-3F (1F11)	1F11	IgG2a	1-4	linear
20	NS1-4F (2E3)	2E3	IgG1	1-4	linear

(1) Mabs named according to previous publications; No.1-17 (Puttikhunt et al, 2011), No 18-20 (Puttikhunt et al, 2003)

(2) Mabs named as abbreviation in this study.