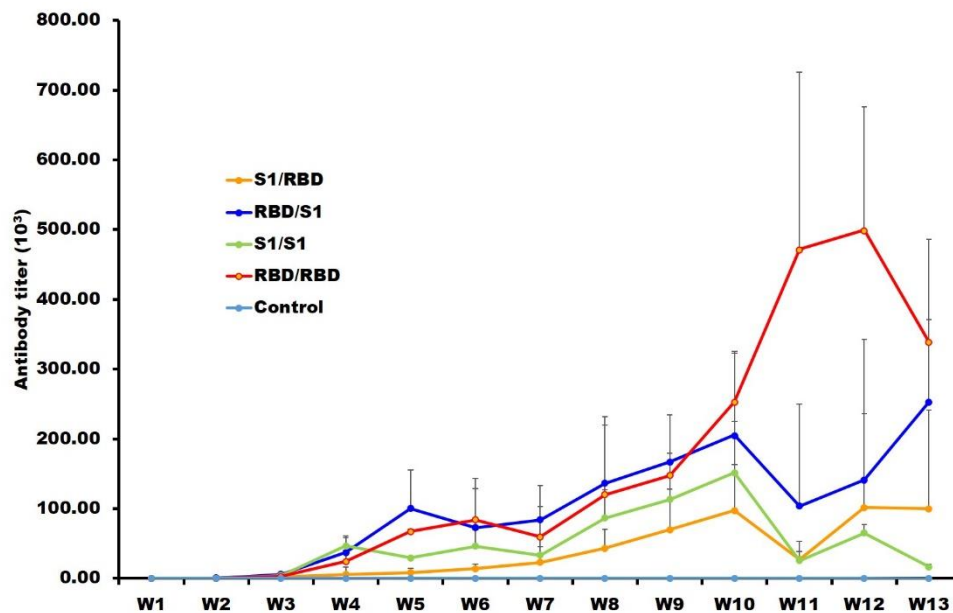


Supplemental Figures

Figure S1



Long-term persistence of SARS-CoV-2-RBD-induced immune response in mice: The average anti-SARS-CoV-2-RBD titers produced by the immunization groups remained high for 13 weeks, indicating a long-term immune response. Anti-SARS-CoV-2 RBD sera (IgG) titer assayed by ELISA: IgG detection by ELISA was performed using the tail bleeding (TB) sera. **W** indicates the tail bleeding week. (A) Each line shows the average IgG titer of the mice in each group. **The results are indicated as mean \pm standard deviation (SD).**

Figure S2:

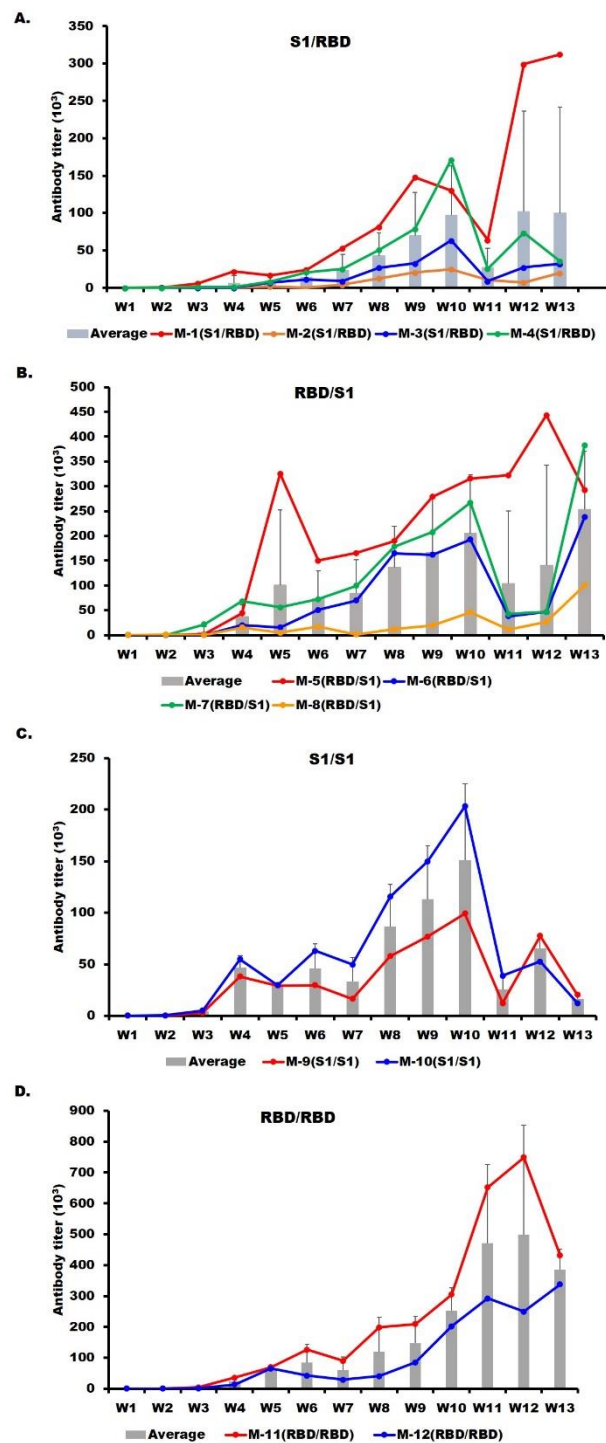


Figure S2: Anti-SARS-CoV-2 RBD sera (IgG) titer assayed by ELISA: IgG detection by ELISA was performed using the tail bleeding (TB) sera from each week for the groups **A.** S1/RBD, **B.** RBD/S1, **C.** S1/S1, **D.** RBD/RBD. **W** indicates the tail bleeding week. Each circle indicates an individual mouse's IgG titer and the bars show the average titer. **The results are indicated as mean \pm standard deviation (SD).**

Table: S1

The average IgG antibody titer was assessed using the 10th week tail bleeding anti sera (the same sera is used for performing the pseudovirus neutralization assay).

	S1/RBD	RBD/S1	S1/S1	RBD/RBD
Week 10 Average antibody titer	97323.57	205266.88	151125.63	253204.41

Table: S2

Percentage of neutralization assessed using Sars-CoV-2 D614G Pseudovirus with the 10th week tail bleeding anti sera.

ID	Immunisation Group	% Neutralisation
Mice1	S1/RBD	69.44
Mice2	S1/RBD	81.49
Mice3	S1/RBD	85.25
Mice4	S1/RBD	77.92
Mice5	RBD/S1	83.08
Mice6	RBD/S1	83.33
Mice7	RBD/S1	78.45
Mice8	RBD/S1	78.86
Mice9	S1/S1	48.12
Mice10	S1/S1	64.55
Mice11	RBD/RBD	50.43
Mice12	RBD/RBD	32.68