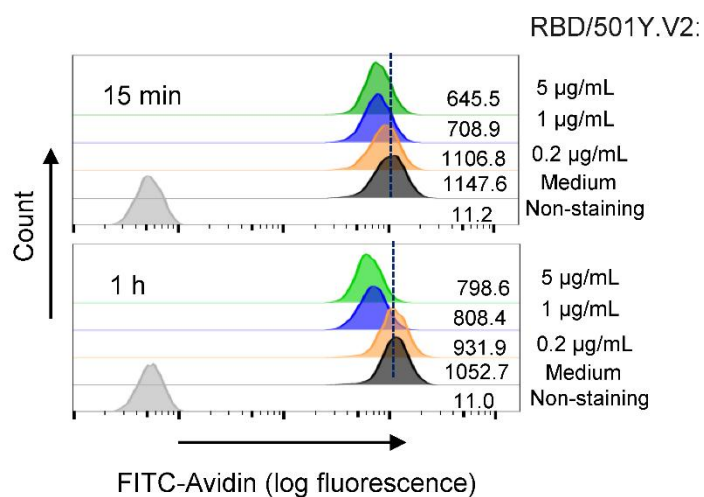


Supplementary Materials



Supplementary Figure S1. Spike/RBD of SARS-CoV-2 501Y.V2 strain stimulates MC degranulation. LAD2 cells (3×10^5) were incubated with indicated concentrations of SARS-CoV-2 501Y.V2 strain-derived spike/RBD proteins at 37 °C for indicated time. Cells were fixed with 4% paraformaldehyde, permeabilized, immunostained with anti-avidin-FITC at 4 °C for 1 h, and analyzed with flow cytometry. MFI value was calculated. Representative result is from three independent repeats.

Supplementary Table S1. Primers and probes for RT-PCR.

Human IL-6	Forward	5'-CAG ACA GCC ACT CAC CTC TTC AG-3'
	Reverse	5'-CAG CCA TCT TTG GAA GGT TCA G-3'
Human CCL7	Forward	5'-GAAGGACCAACCAGTAGCCAC-3'
	Reverse	5'-GTCCTGGACCCACTTCTGTG-3'
Human CXCL10	Forward	5'-GTGGCATTCAAGGAGTACCTC-3'
	Reverse	5'-TGATGGCCTTCGATTCTGGATT-3'
Human CXCL11	Forward	5'-GACGCTGTCTTTGCATAGGC-3'
	Reverse	5'-GGATTTAGGCATCGTTGTCCTTT-3'
Human ICAM1	Forward	5'-AGCCAACCAATGTGCTATTCAAAC-3'
	Reverse	5'-CACCTGGCAGCGTAGGGTAA-3'
Human S100A	Forward	5'-GCAGCTGGAACGCAACATAG-3'
	Reverse	5'-GTCACCCTCGTGCATCTTCT-3'
Human GAPDH	Forward	5'-ATC CCA TCA CCA TCT TCC AGG-3'
	Reverse	5'-CCT TCT CCA TGG TGG TGA AGA C-3'
Mouse IL-6	Forward	5'-CTT CCA TCC AGT TGC CTT CTT G-3'
	Reverse	5'-AAT TAA GCC TCC GAC TTG TGA AG-3'
Mouse CXCL11	Forward	5'-GGCTTCCTTATGTTCAAACAGGG-3'
	Reverse	5'-GCCGTTACTCGGGTAAATTACA-3'
Mouse ICAM1	Forward	5'-GTGATGCTCAGGTATCCATCCA-3'
	Reverse	5'-CACAGTTCTCAAAGCACAGCG-3'
Mouse TNFα	Forward	5'-CAG ACC CTC ACA CTC AGA TCA TCT-3'
	Reverse	5'- CCT CCA CTT GGT GGT TTG CTA-3'
Mouse CCL20	Forward	5'-AAGACAGATGGCCGATGAAG-3'
	Reverse	5'-AGGTTACAGCCCTTTTCAC-3'
Mouse CCL5	Forward	5'-GTGCCACGTCAAGGAGTAT-3'
	Reverse	5'-GGGAAGCTATACAGGGTCA-3'
Mouse GAPDH	Forward	5'- TGC ACC ACC AAC TGC TTA G-3'
	Reverse	5'- GAT GCA GGG ATG ATG TTC-3'
SARS-CoV-2 nucleocapsid	Forward	5'-GGG GAA CTT CTC CTG CTA GAA T-3'
	Reverse	5'-CAG ACA TTT TGC TCT CAA GCT G-3'
	TaqMan probe	5'-FAM-TTG CTG CTG CTT GAC AGA TT-TAMRA-3'