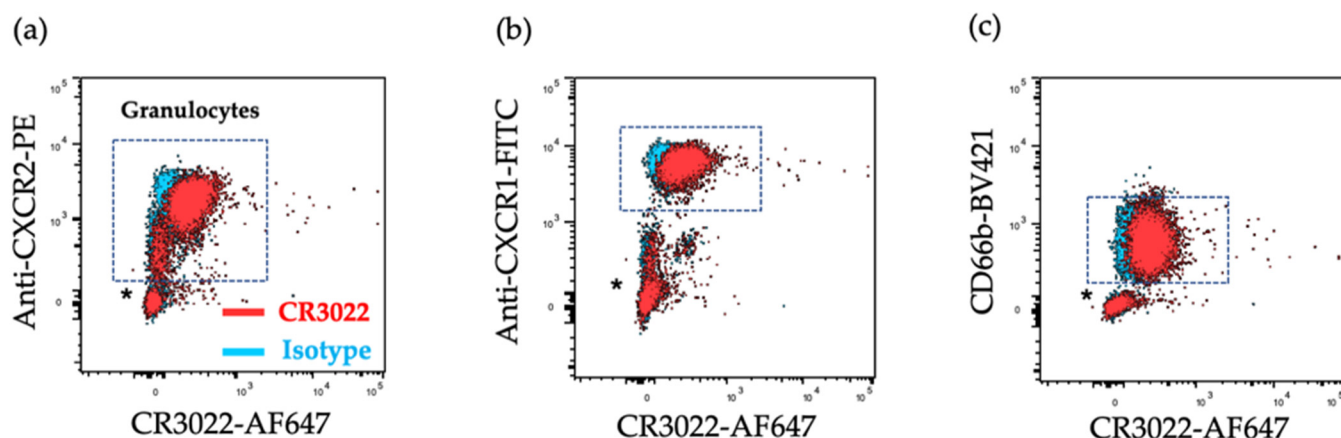


Supplementary Figure S1. Gating strategy to define the leukocyte population of interest. FCS-A vs. SSC-A: all electric events; SSC-H vs. SSC-W: all electric events after the exclusion of debris and red blood cells (RBCs); FCS-H vs. FSC-W: all electric events after the elimination of doublet signals by SSC; 7-ADD vs. SSC-A: all electric events after the elimination of doublet signals by FSC (expressed as hemi-logarithmic scale); FSC-A vs. SSC-A: all electrical events after the exclusion of nonviable cells. Details for flow cytometry gating are available in [1].



Supplementary Figure S2. Representative results of flow cytometric analysis for samples without recombinant CoV2S1 (rCoV2S1) presented as a dot plot. The dashed-line rectangle shows a biexponential dot plot of the signal intensity of the fluoro-chrome-conjugated antibodies on granulocytes (see Supplemental Figure 1 for the definition of the granulocyte population). Additional details are provided in the legend to Figure 1.

Supplementary Table S1. Healthy donor information

Healthy donor	Age (years)	Sex	Complications	Medications	SARS-CoV-2 infection
1	38	Male	None	None	Not experienced
2	68	Male	None	None	Not experienced

Supplementary Table S2. Overview of the reagents used for flow cytometric analysis.

Reagent	Company, identifier	Isotype	Titer (μL/sample)
Recombinant SARS-CoV-2 glycoprotein S1	Abcam, 273068	—	1.5 or 7.5 or 15
CR3022	Abcam, 273074	Rabbit monoclonal IgG	0.4
Rabbit IgG	CST, 3900S	Rabbit monoclonal IgG	0.16
AF647/anti rabbit IgG	BioLegend, 406414	Donkey polyclonal IgG	0.4
Fc Block	BD, 564220	Human monoclonal IgG1	1
PE/Anti CD182 antibody	BioLegend, 320705	Mouse monoclonal IgG1	0.8
FITC/Anti CD181 antibody	BioLegend, 320605	Mouse monoclonal IgG1	0.8
BV421/Anti CD66b antibody	BioLegend, 305111	Mouse monoclonal IgM	0.5

AF, Alexa Fluor; PE, phycoerythrin; FITC, fluorescein isothiocyanate; BV, Brilliant Violet.

Supplementary reference

1. BD FACSAria™ II & III Cell Sorter Training Manual Ver1.1; Nippon Becton Dickinson Co., Ltd, 2016;