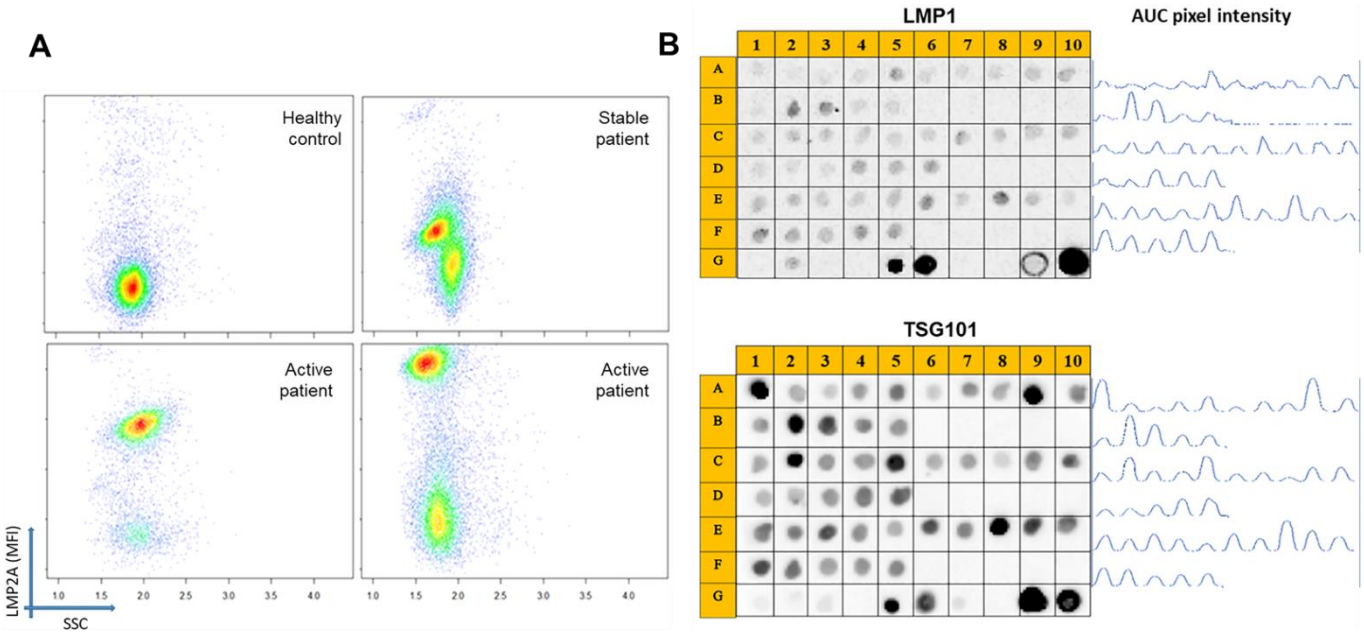
Figure e-1. Assessment of exosome-specific and EBV proteins by flow cytometry and immunoblots.



(A) Scatterplots showing flow cytometry output of four representative samples (1 healthy donor, 1 stable RR, and 2 active MS) for the EBV marker LMP2A. (B) Dot plots showing spots and pixels intensities presented as area under the curve (AUC) by Image J for LMP-1 (upper panel) and TSG101 (lower panel). The dot blots represents serum- derived exosomes from 15 healthy controls in rows A and B, 15 stable RRMS patients in rows C and D and 15 active patients in rows E and F. G5 and G6 represent the spots of primary antibody as a positive control. G9 and G10 represent Hela and BCL lysates respectively. G2 represents BCL exosome. B6-10, D6/7-10 and F6-10 are empty. Undesignated spots in row G are for optimization. For LMP1, higher pixels intensity was detected on exosomes of active patients compared to those of stable RRMS patients ($p=0.039$, t-test) and healthy controls ($p=0.024$, t-test). No differences for TSG101 between healthy controls and MS-derived exosomes. BCL did not express TSG101.