Supplementary Fig. 1. Representative histopathological brain biopsy findings of patient 1. Large atypical lymphocytes were noted in the intravascular lumen (A, hematoxylin and eosin stain, ×200; scale bar=50 µm; arrowhead). The cells were negative for CD3 (B, Immunohistochemistry, ×200; scale bar=50 µm), but showed strong membrane positivity for CD20 (C, Immunohistochemistry, ×200; scale bar=50 µm; arrowheads). The Ki-67 labeling index exceeded 90% (D, Immunohistochemistry, ×200; scale bar=50 µm; arrowheads).