



Fig. S1. Results of histopathological examination, immunofluorescence, and immunoblotting studies. (a) Histopathology showing subepidermal separation (haematoxylin-eosin (H&E), original magnification $\times 100$). (b) Infiltration of neutrophils in the bulla (H&E, original magnification $\times 800$). (c) Direct immunofluorescence showing linear immunoglobulin G (IgG) deposition at the epidermal basement membrane zone (BMZ) of the lesion. (d) Indirect immunofluorescence of 1M NaCl-split skin showing IgG reactivity with the epidermal side of the split. (e) Immunoblotting using normal human epidermal extract (epidermal) showing IgG antibodies to BP180 in the patient's serum (*lane 4*). (f) Immunoblotting using concentrated culture supernatant of HaCaT cells (HaCaT) showing IgG antibodies to the 120-kDa LAD-1 in the patient's serum (*lane 3*). PV: pemphigus vulgaris, PNP: paraneoplastic pemphigus, BP: bullous pemphigoid.