



Fig. S1. The results of IB using 3 different antigen sources. (a) immunoblotting (IB) using normal human epidermal extract as a substrate showed that the patient's IgG antibodies reacted weakly with BP230, but not with BP180. (b) No positive reactivity was detected by IB using BP180-NC16A domain recombinant proteins. No positive reactivity was detected by IB using either BP180 C-terminal domain recombinant protein, concentrated culture supernatant of HaCaT cells, or purified human laminin-332 (data not shown). (c) IB using normal human dermal extract demonstrated that the patient's IgG antibodies reacted with the 200-kDa laminin γ 1, but not with the 290-kDa type VII collagen, excluding epidermolysis bullosa acquisita.