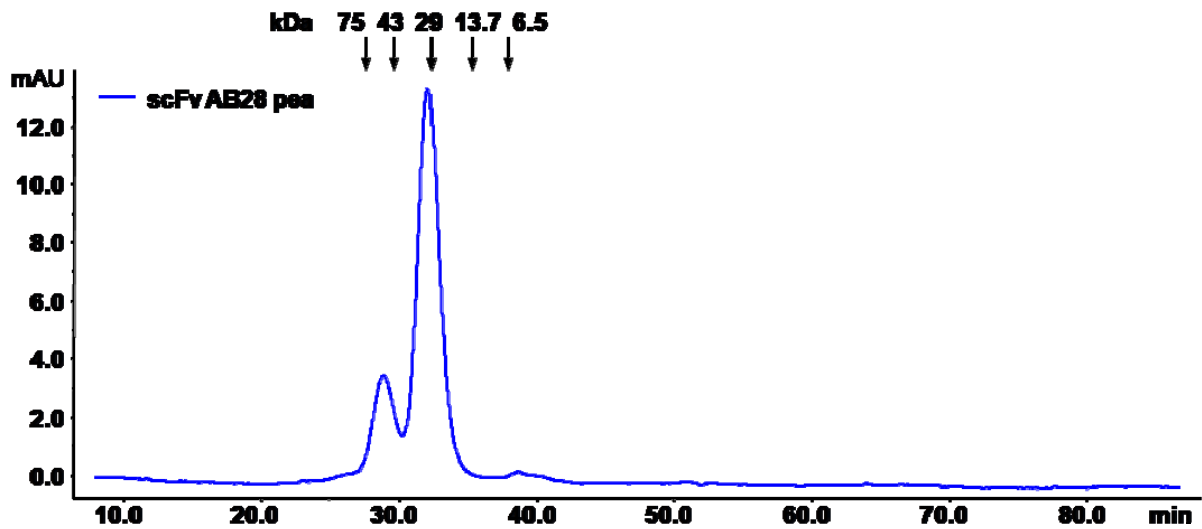
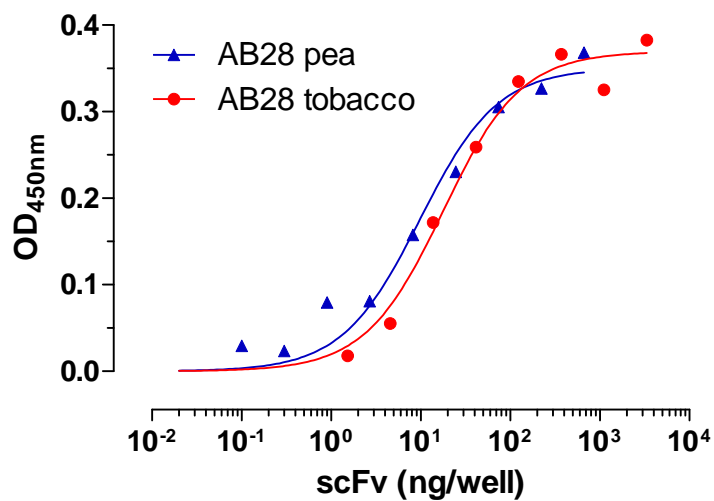


**Additional file 5.** Characterization of purified scFv AB28 produced in pea seeds.

**(a)**



**(b)**



**(a)** Analysis of the molecular forms by size-exclusion FPLC on a calibrated Superdex 200 column. The positions of the molecular weight markers are indicated. **(b)** Head-to-head comparison of the antigen-binding activities of the scFv AB28 preparations isolated either from the tobacco leaves or from the transgenic pea seeds, as measured by ELISA.