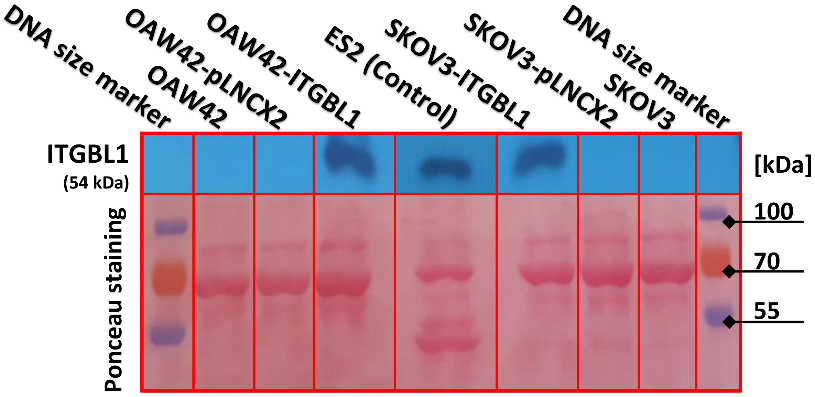
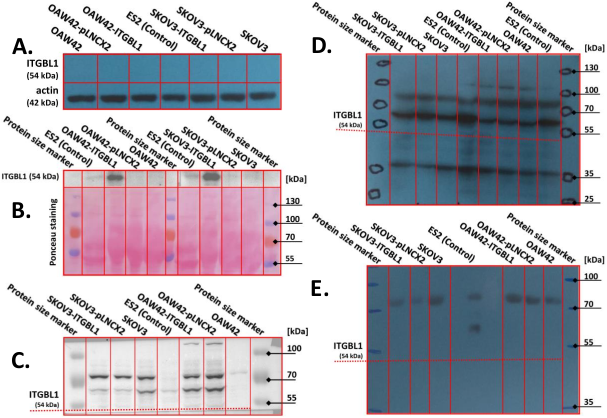
**Supplementary Material 3. Western blotting:**

**WB results & unprocessed original autoradiograms (immunoblots)**

**Supplementary Material 3A. Western blot detection of ITGBL1 with different antibodies:** (**A**, **B**) **Sigma-Aldrich** (cat. no HPA005676; Saint Louis, MO, USA) (antibody dilution – 1:750. Protein amount per sample – 50 µg), (**C**) **ProSci** (cat. no 29-712; Poway, CA, USA) (antibody dilution – 1:300. Protein amount per sample – 50 µg), (**D**) **ABGENT** (cat. no Ap8781c; San Diego, CA, USA) (antibody dilution - 1:300. Protein amount per sample - 50 µg), (**E**) **Thermo Fisher Scientific** (cat. no PA5-42123; Waltham, MA, USA) (antibody dilution - 1:1000. Protein amount per sample - 50 µg). (**C**, **D**, **E**) With all three antibodies (C, D, E) we were unable to obtain a band corresponding to ITGBL1 (predicted size - 54 kDa). With Sigma-Aldrich HPA005676 antibody we could detect ITGBL1 in the concentrated culture medium (B) but not in whole-cell extracts (A). Based on RT-PCR results ES2 cell line producing the highest levels of *ITGBL1* mRNA was used as a positive control.





**Supplementary Material 3B. Unprocessed original autoradiograms (immunoblots)** (**A**, **C**, **E**) included in Figure 2C and D as well (**A**, **C-G**) in Supplementary Material 3A. (**B**) Original scan of immunoblot A showing distribution of protein size marker.

