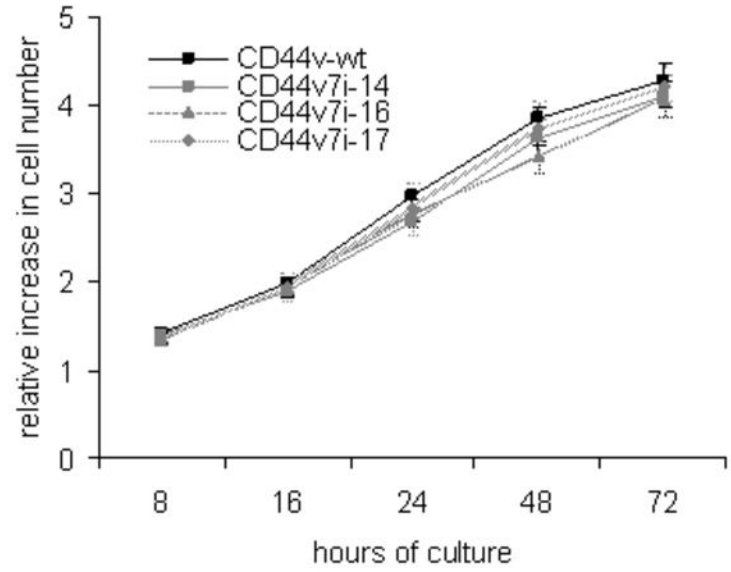
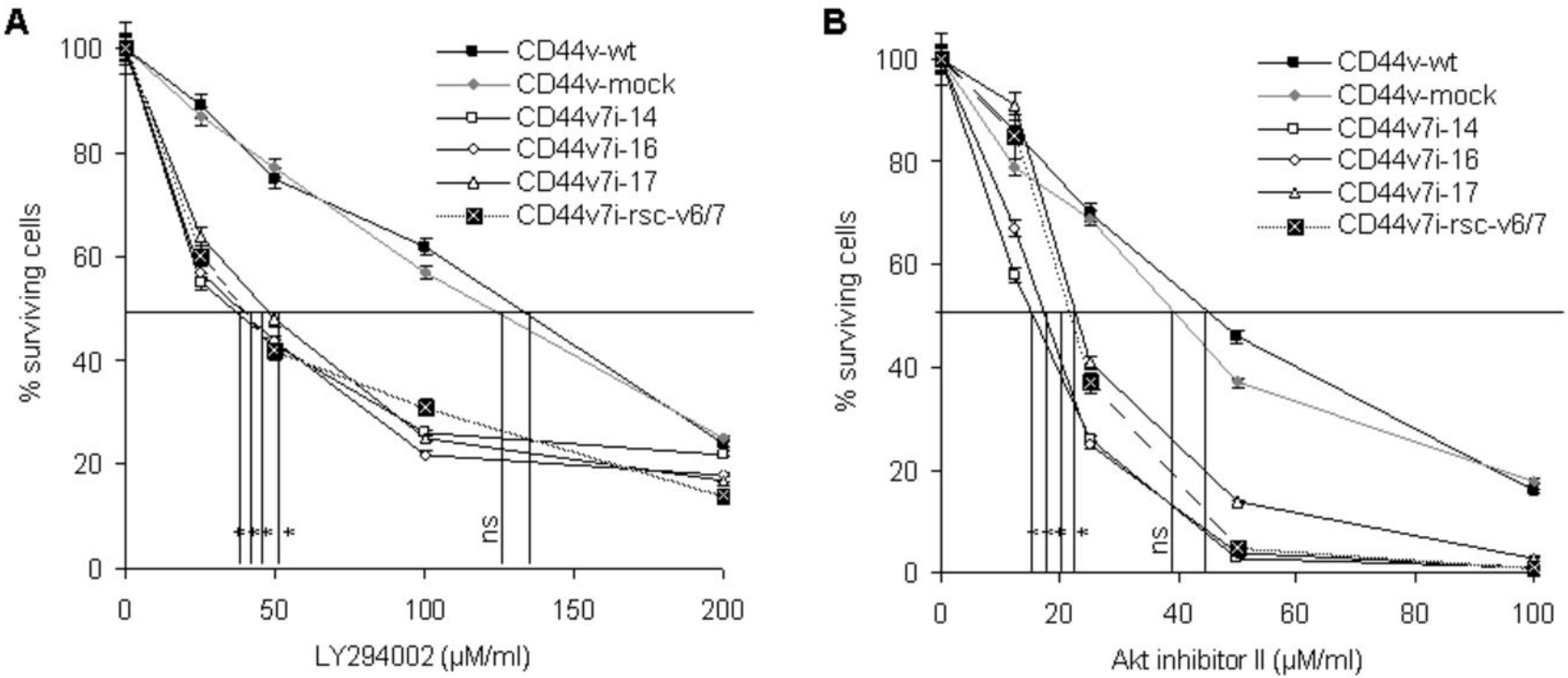
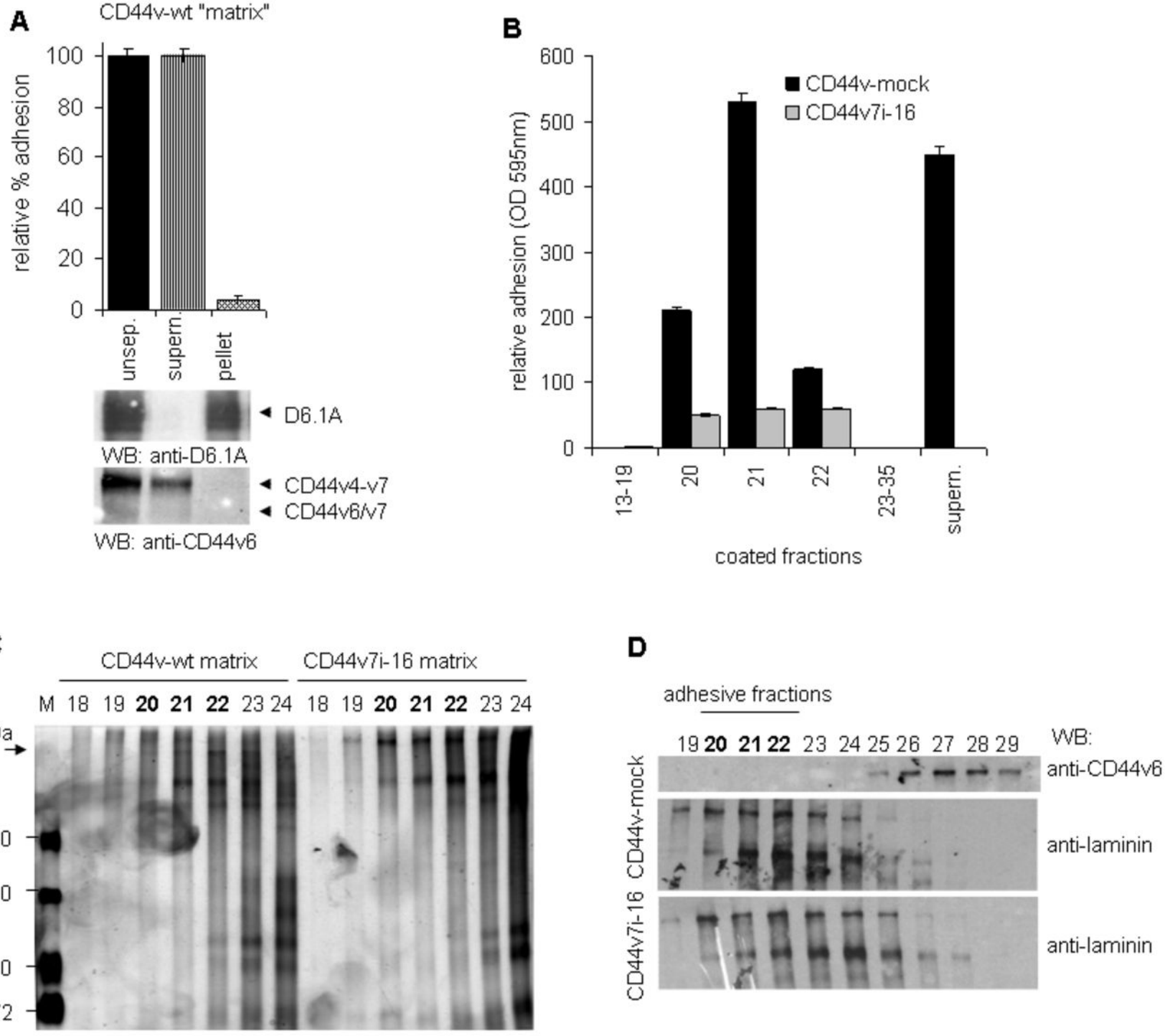


Suppl.Figure 1



Suppl.Figure 2



Suppl.Figure 3

Legends to supplementary figures

Suppl. Figure 1 Growth characteristics of ASML^{wt} and ASML-CD44v^{kd} cells: ASML^{wt} and 3 ASML-CD44v^{kd} clones were grown for 8-96h in RPMI / 10% FCS. Proliferative activity was evaluated by the MTT assay and is presented as fold increase.

Suppl. Figure 2 ASML^{wt} and ASML-CD44v^{kd} cells survival in the presence of PI3K and Akt inhibitors: (A and B) ASML^{wt}, ASML^{mock}, ASML-CD44v^{kd} and ASML-CD44v^{rsc} cells were cultured in the presence of an increasing dose of Ly294002 (A) or Akt inhibitor II (B). The percentage of surviving cells was evaluated after 72h (MTT assay, survival of untreated cells = 100%). A significantly lower dose (*) of PI3K or Akt inhibitor sufficed for a 50% reduction of ASML-CD44v^{kd} than ASML^{wt} survival.

Suppl. Figure 3 Characterization of the ASML matrix: (A) The wt-matrix was centrifuged at 100,000g. The supernatant and the pellet were tested for adhesiveness as described in material and methods. The lower panel shows a WB of supernatant and pellet stained for D6.1A as an exosomal marker and shed CD44v. The adhesive fraction, which contains CD44v, is soluble. Mean values of triplicates ± SD (crystal violet staining) as compared to adhesion of ASML^{wt} cell to the unseparated wt-matrix (100%) are shown. (B) The soluble fraction of ASML^{mock} and ASML-CD44v^{kd} supernatant was passaged over a CL6B sepharose column. Fractions of 3ml were collected and tested for adhesiveness. Adhesive components were recovered in fractions 20-22. Mean values of triplicates ± SD (crystal violet staining) are shown. (C) Fractions eluted from the CL6B sepharose column were concentrated, separated on a 6% SDS-PAGE and silver stained. The adhesive fraction (20-22) of wt-matrix contains one high molecular weight band (>200kDa, indicated by an arrow), which is not seen in the corresponding fractions of the kd-matrix. (D) Fractions eluted from the CL6B sepharose column were separated by SDS-PAGE and blotted with anti-CD44v6 and anti-laminin. The adhesive fractions of ASML^{mock} supernatant do not contain shed CD44v; both the adhesive fractions of ASML^{mock} and the corresponding fractions of ASML-CD44v^{kd} supernatant contain laminin.