



Supporting Figure SF1 (figshare) – Analysis of PI3K/AKT/mTOR- and RAS/RAF/MAPK-singaling in 2D vs 3D cell culture. The colon cancer cells (LS174T, HT29, SW620, HCT116, CaCo2 and DLD-1) were cultured in 2D and 3D for 48h. Cells and spheroids were harvested and Western blot analysis of different proteins of the PI3K/AKT/mTOR- and RAS/RAF/MAPK-pathway was carried out. Detection of phosphorylated proteins is indicated by p- prior to the protein name and the phosphorylated amino acid is indicated behind the protein name. α-tubulin and GAPDH served as loading control. Two independent biological replicates are shown (**A,B**).