Knockdown of MCM7 in G1/S arrested A375 and A549 cells.

(A) Cell cycle analysis by flow cytometry of A375 and (B) A549 cells expressing shScramble or shMCM7 without or with double thymidine block (+Thy).

(C) Western blot analysis of phospho-AKT and MCM7 levels upon MCM7 knockdown in Thy arrested serum-starved, EGF and Insulin stimulated A375 and (D) A549 cells. The Western blots of one out of three biological replicates for each cell line are shown.

See S3 Raw Images for the original images of all Western blots.

(E) Quantification of MCM7 protein levels in shScramble and shMCM7 expressing A375 and A549 cells. The averaged measurements of four biological replicates are shown.

Statistical significance in (E) was determined with two-way ANOVA followed by two-tailed t-tests for independent samples and is indicated as * for p<0.05 and as **** for p<0.0001. See S1 Data for the numerical values used to generate the graphs.