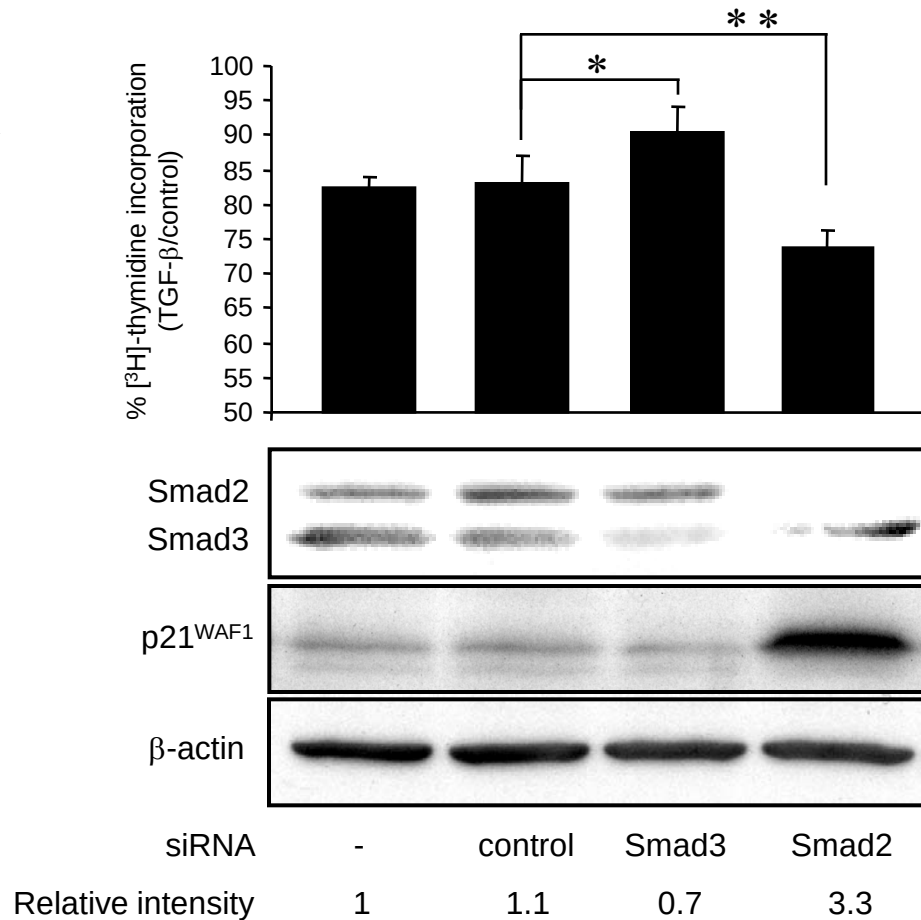
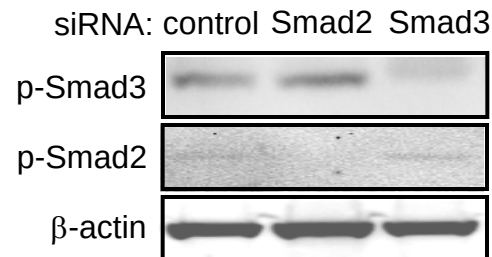


A



Legend to Figure S1A: Effect of siRNA-mediated silencing of Smad2 and Smad3 on TGF- β 1-induced growth suppression in PANC-1 cells. PANC-1 cells were transfected with transfection agent alone (-), control siRNA, or siRNAs against Smad3 or Smad2. 72 h after transfection PANC-1 cells were seeded into 96-well plates (in normal growth medium) and remained unstimulated or were stimulated on the next day with TGF- β 1 (5 ng/ml) for another 24 h. [3 H]-thymidine was added to the cells for the last 4 h of the incubation period. Data (means $\pm$ standard deviations from six replicates) are taken from one out of two independent experiments and are depicted as the percentage of growth inhibition of TGF- β 1-treated relative to control siRNA-transfected cells (set arbitrarily at 100%). *, $p < 0.05$; **, $p < 0.01$. Note that the scale of the ordinate starts at 50%. Lower panel, PANC-1 transfectants were lysed and subjected to immunoblot analysis to verify specificity and selectivity of the siRNAs for the respective Smads. The same blot was successively probed for Smad2/3, p21^{WAF1}, and β -actin to control for equal loading. Relative band intensities were determined by densitometric scanning of underexposed blots using NIH image software. Control immunoblots indicated that the expression patterns for Smad2, Smad3 and p21^{WAF1} were stable over the assay period (data not shown).

B



Legend to Figure S1B: As in (A) except that the PANC-1 cellular extracts were probed for phospho-Smad3 (p-Smad3) and phospho-Smad2 (p-Smad2).