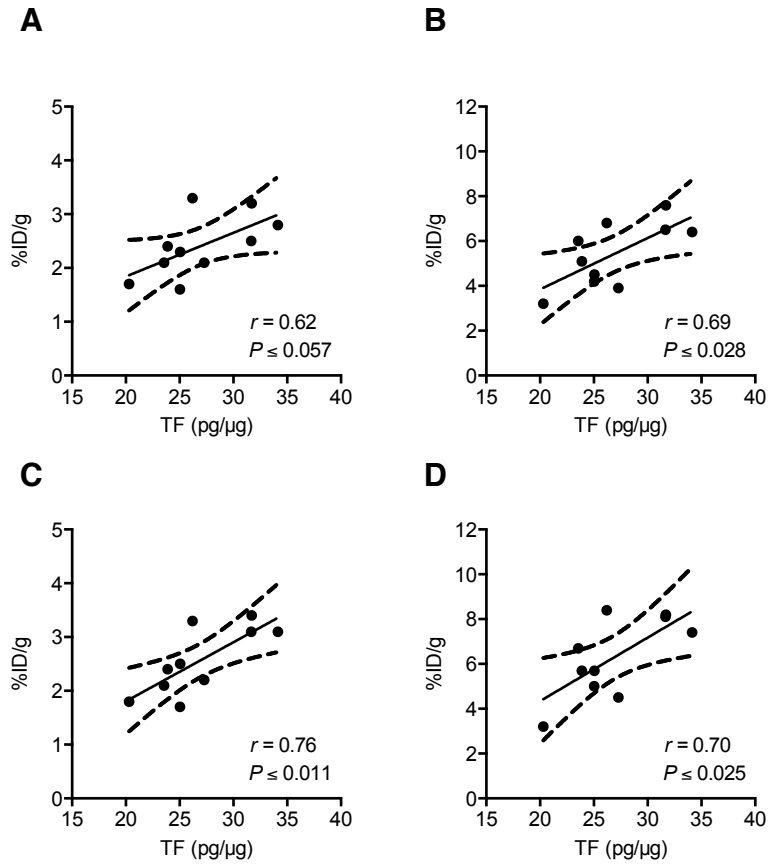
Supplemental Materials and Methods

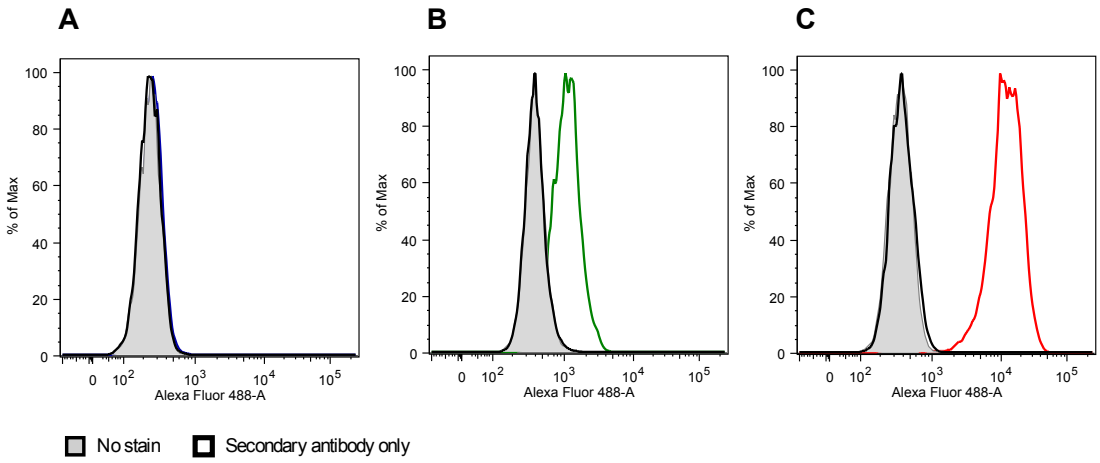
Flow cytometry

TF expression on the A2780, HT-29 and BxPC-3 cell surface was verified by flow cytometry. Cells were harvested and washed 2 times with ice-cold FACS buffer (PBS without Ca^{2+} and Mg^{2+}, 0,1% NaN_3, 1% HSA) and centrifuged at 4°C at 300G for 5 minutes and suspended at 3 x 10^6 cells/mL. Cells were incubated with primary TF antibody (MAB23391, R&D Systems) at 10 µg/mL diluted in FACS buffer for 60 minutes on ice, washed 3 times and incubated with FITC conjugated goat-anti-mouse IgG antibody 1:1000 (#554001, BD Pharmingen) for 30 minutes on ice. The cells were washed and assayed by flow cytometry (FACSCanto II, BD Biosciences) and the data analyzed with FlowJo (Tree Star Inc.).

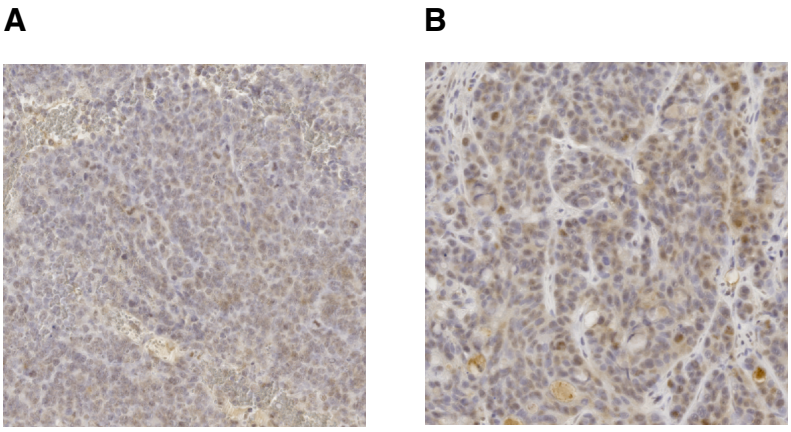
Supplemental Figures



Supplemental Figure 1: Correlation between normalized TF protein concentrations measured in tumor homogenates by ELISA and mean (A&C) and max (B&D) uptake of ^{18}F-FVIIai within the tumors determined by image analysis of the PET images acquired 1 (A&B) and 2 hours (C&D) after injection of ^{18}F-FVIIai.



Supplemental Figure 2: Cell surface TF expression of A2780 (A), HT-29 (B) and BxPC-3 (C) cells measured by flow cytometry.



Supplemental Figure 3: Immunohistochemical staining for TF in A2780 (A) and HT-29 (B) tumor sections.