

Additional file

Additional file 1: Table S1. Properties of peptides displayed by positive phages.

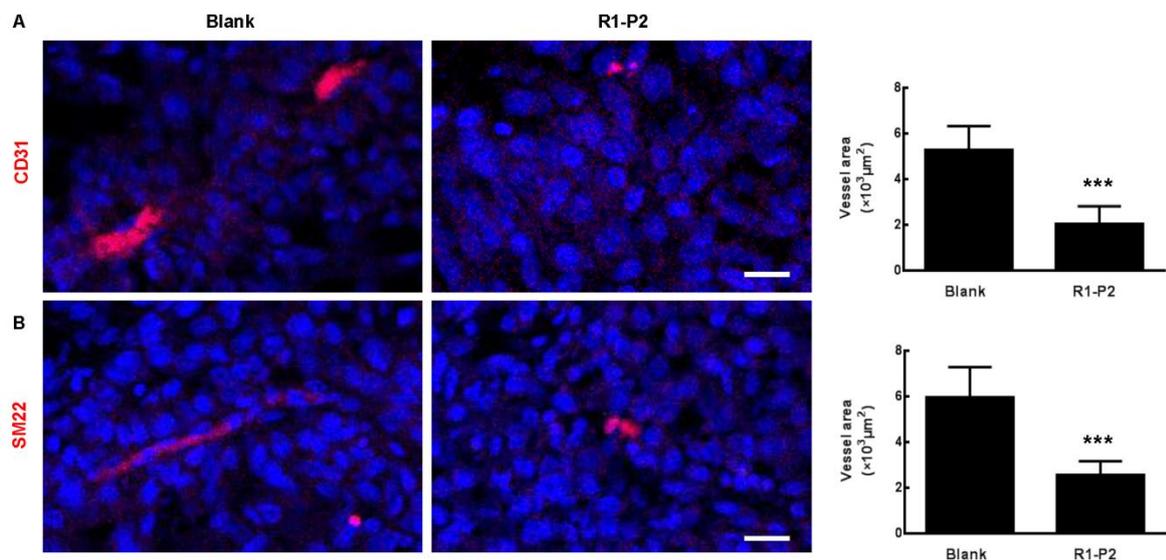
Additional file 2: Table S2. Binding affinity of peptide R1-P2 to human FGFR1 protein.

Additional file 3: Figure S1. Expression of blood vessels marker of tumor sections. (A)

Expression of CD31 in tumor sections were detected by immunofluorescence staining (red arrows represents blood vessels).

(B) Expression of SM22 in tumor sections were detected by immunofluorescence staining (red arrows represents blood vessels). Bar = 100 μm , the error

bars indicate the \pm SD from three separate experiments, **P < 0.01, ***P < 0.001, versus blank.



Supplemental Figure S1

Supplementary Table 1. Properties of peptides displayed by positive phages

Heptapeptide	Clones	Sequence	Molecular weight	Theoretical pI ^a	GRAVY ^b
R1-P2	8	FHDAWPNLSKSS	1388.50	6.74	-0.883

^a pI, Isoelectric Point.

^b GRAVY, Grand Average of Hydropathicity.

Table S2. Binding affinity of peptide R1-P2 to human FGFR1 protein

Ligand	Analyte	K _a (1/Ms)	K _d (1/s)	KD(M)
R1-P2	FGFR1	3.611×10^4	0.005555	1.538×10^{-7}