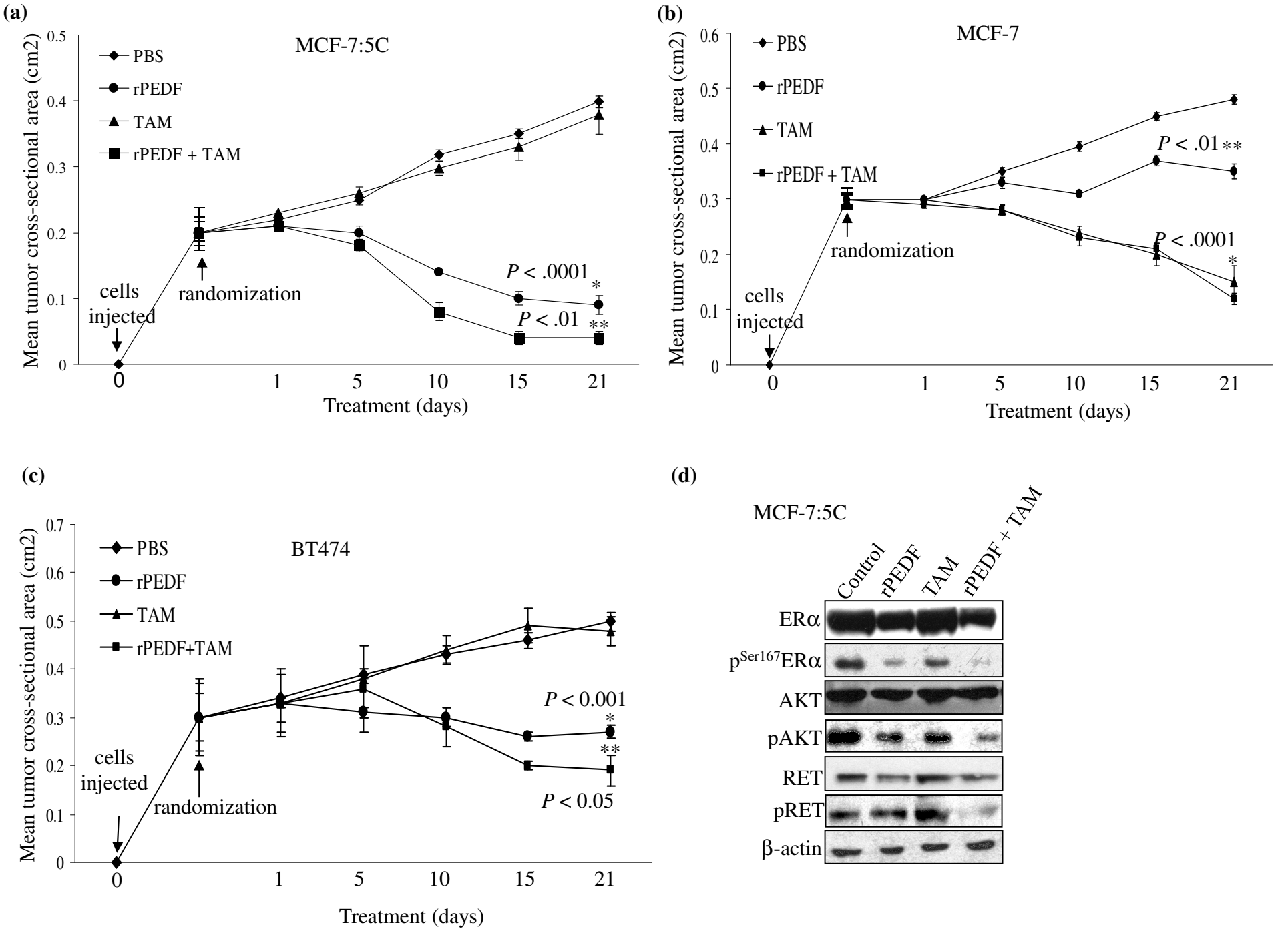
(a)
MCF-7:5C
PBS
rPEDF
TAM
rPEDF + TAM
Mean tumor cross-sectional area (cm2)
0.5
0.4
0.3
0.2
0.1
0
cells injected
randomization
P < .0001
*
P < .01
**
0
1
5
10
15
21
Treatment (days)
(b)
MCF-7
PBS
rPEDF
TAM
rPEDF + TAM
Mean tumor cross-sectional area (cm2)
0.6
0.5
0.4
0.3
0.2
0.1
0
P < .01 **
P < .0001
*
randomization
cells injected
0
1
5
10
15
21
Treatment (days)
(c)
BT474
PBS
rPEDF
TAM
rPEDF+TAM
Mean tumor cross-sectional area (cm2)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
P < 0.001
*
**
P < 0.05
cells injected
randomization
0
1
5
10
15
21
Treatment (days)
(d)
MCF-7:5C
Control
rPEDF
TAM
rPEDF + TAM
ERα
pSer167ERα
AKT
pAKT
RET
pRET
β-actin