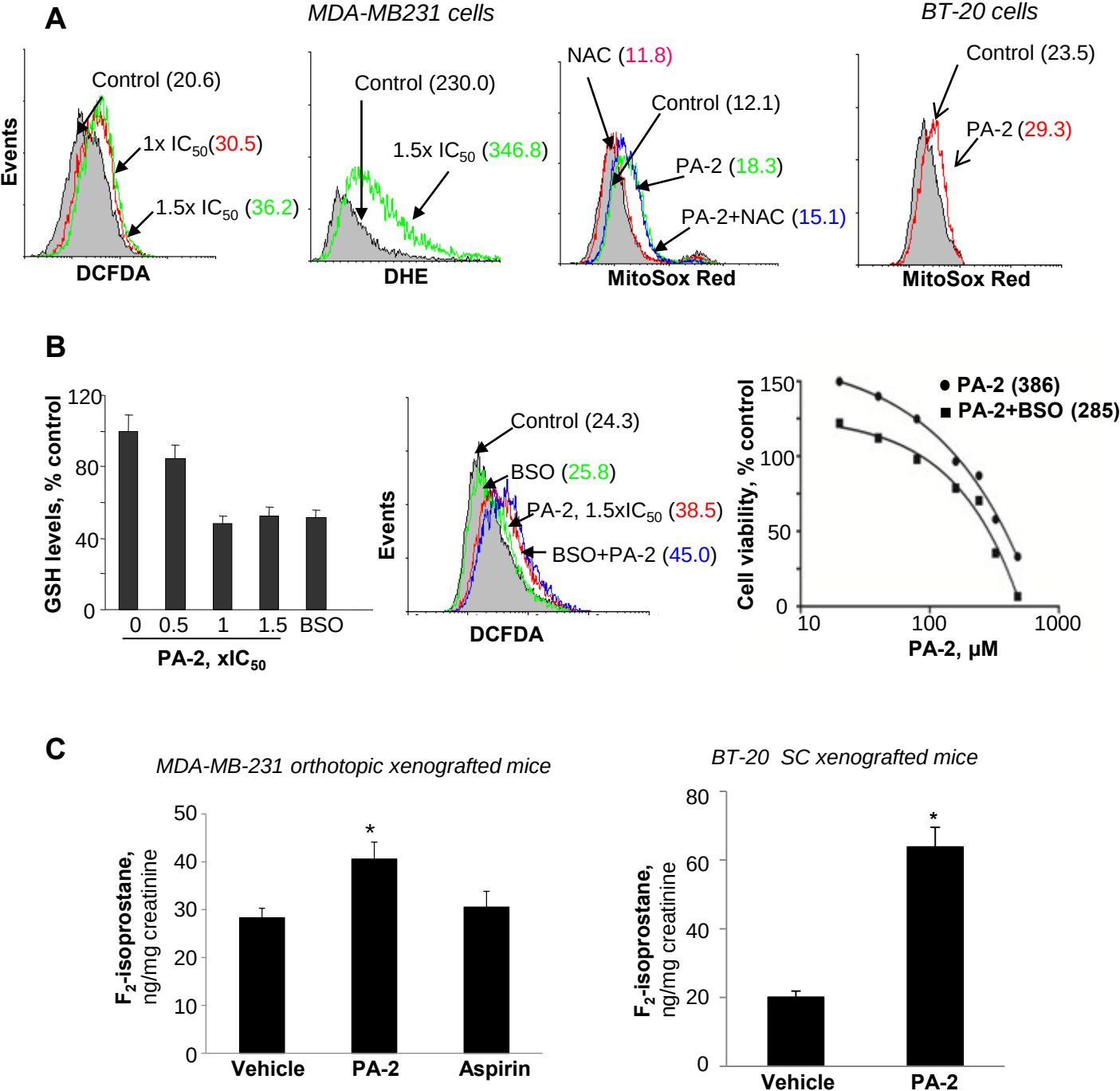
A
MDA-MB231 cells
BT-20 cells
Events
Control (20.6)
1x IC50(30.5)
1.5x IC50 (36.2)
DCFDA
Control (230.0)
1.5x IC50 (346.8)
DHE
NAC (11.8)
Control (12.1)
PA-2 (18.3)
PA-2+NAC (15.1)
MitoSox Red
Control (23.5)
PA-2 (29.3)
MitoSox Red
B
GSH levels, % control
120
80
40
0
0 0.5 1 1.5 BSO
PA-2, xIC50
Events
Control (24.3)
BSO (25.8)
PA-2, 1.5xIC50 (38.5)
BSO+PA-2 (45.0)
DCFDA
Cell viability, % control
150
100
50
0
10 100 1000
PA-2, μM
PA-2 (386)
PA-2+BSO (285)
C
MDA-MB-231 orthotopic xenografted mice
F2-isoprostane, ng/mg creatinine
50
40
30
20
10
0
*
Vehicle
PA-2
Aspirin
BT-20 SC xenografted mice
F2-isoprostane, ng/mg creatinine
80
60
40
20
0
*
Vehicle
PA-2