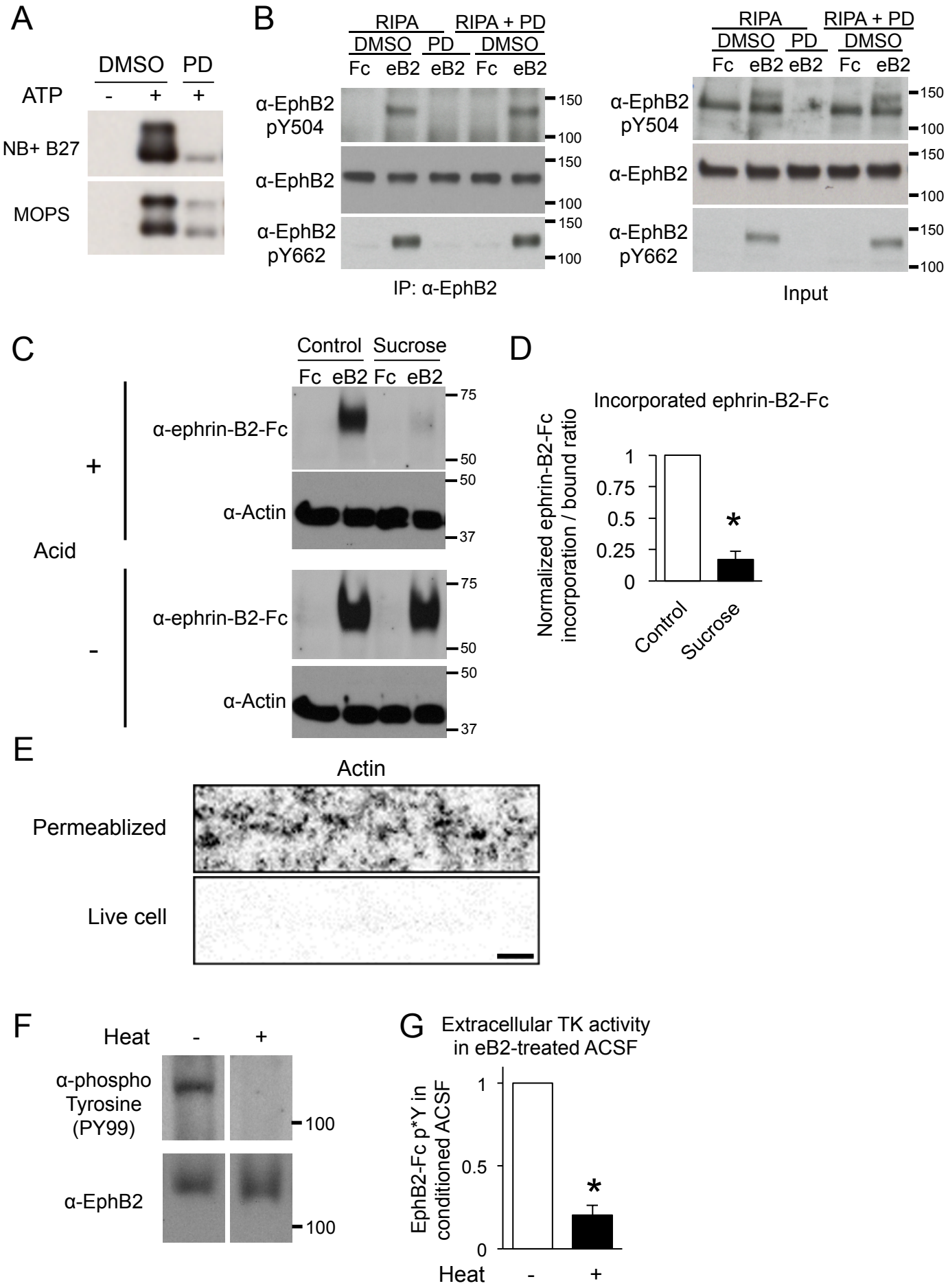
A
DMSO
PD
ATP
-
+
+
NB+ B27
MOPS
B
RIPA
RIPA + PD
DMSO
PD
DMSO
Fc
eB2
eB2
Fc
eB2
α-EphB2 pY504
α-EphB2
α-EphB2 pY662
150
100
IP: α-EphB2
Input
C
Control
Sucrose
Fc
eB2
Fc
eB2
α-ephrin-B2-Fc
α-Actin
75
50
37
Acid
+
-
D
Incorporated ephrin-B2-Fc
Normalized ephrin-B2-Fc incorporation / bound ratio
1
0.75
0.5
0.25
0
*
Control
Sucrose
E
Actin
Permeablized
Live cell
F
Heat
-
+
α-phospho Tyrosine (PY99)
α-EphB2
100
G
Extracellular TK activity in eB2-treated ACSF
EphB2-Fc p*Y in conditioned ACSF
1
0.5
0
*
Heat
-
+