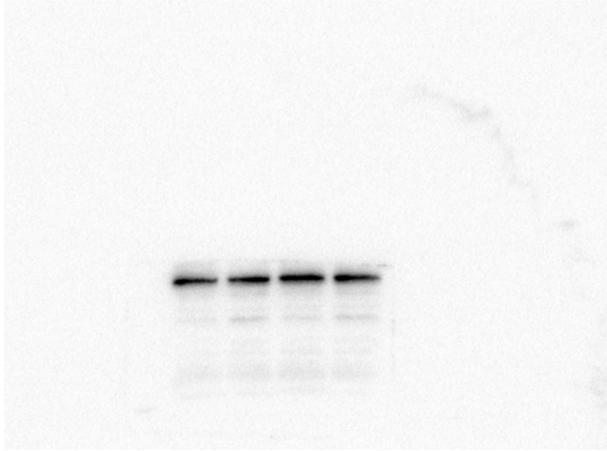
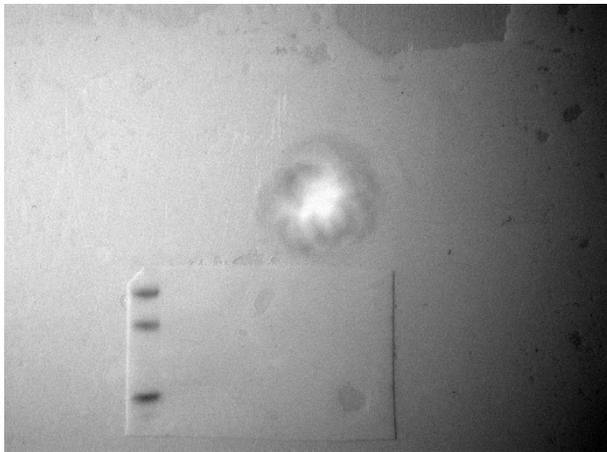


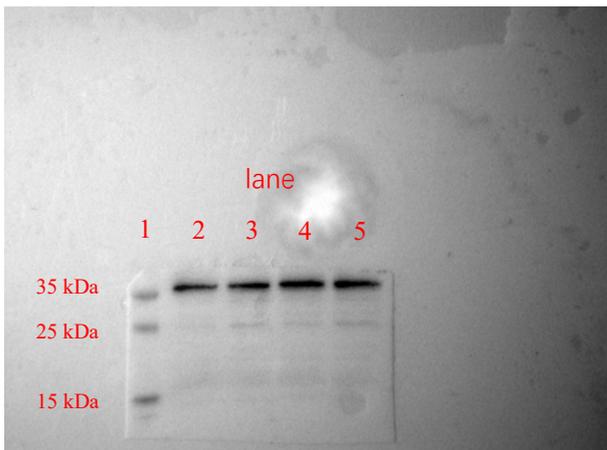
Figure 2c



pro-caspase3



pro-caspase3 bright field



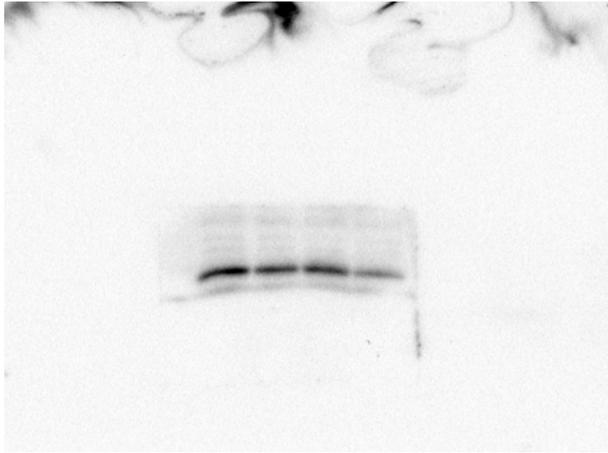
pro-caspase3 merge

lane1: protein marker (Thermo Fisher, Cat.No.: 26617)

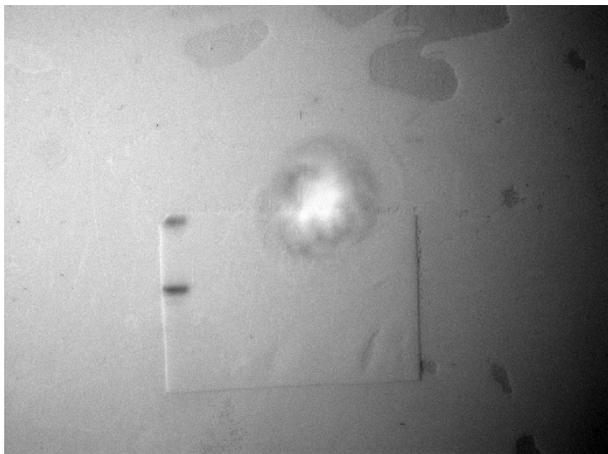
lane2 and lane3: data for other project

lane4: U87 WT cells treated with 200 μ M TMZ

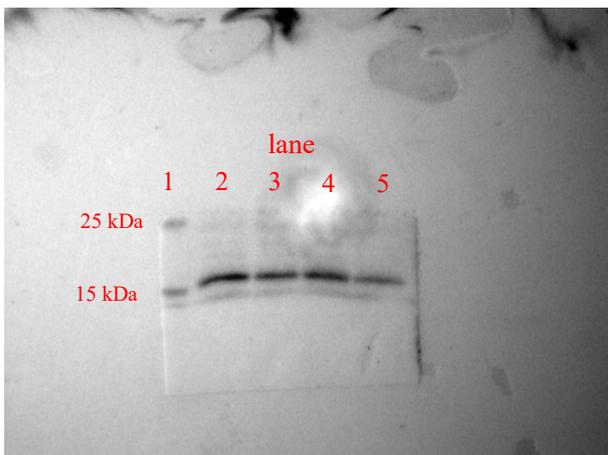
lane5: U87 DR cells treated with 200 μ M TMZ



cleaved caspase 3



cleaved caspase 3 bright field



cleaved caspase3 merge

lane1: protein marker (Thermo Fisher, Cat.No.: 26617)

lane2 and lane3: data for other project

lane4: U87 WT cells treated by 200 μ M TMZ

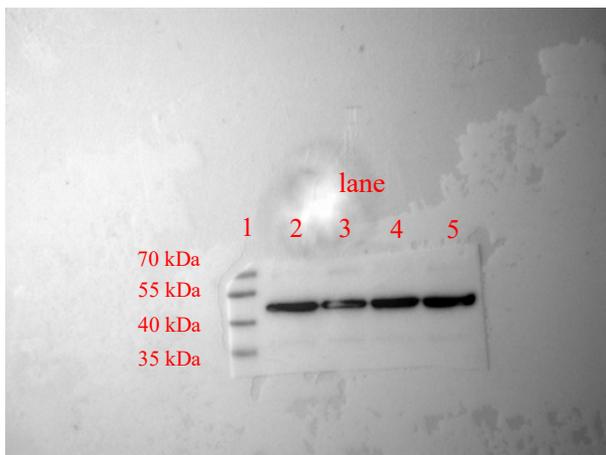
lane5: U87 DR cells treated by 200 μ M TMZ



β -actin



β -actin bright field



β -actin merge

lane1: protein marker (Thermo Fisher, Cat.No.: 26617)

lane2 and lane3: data for other project

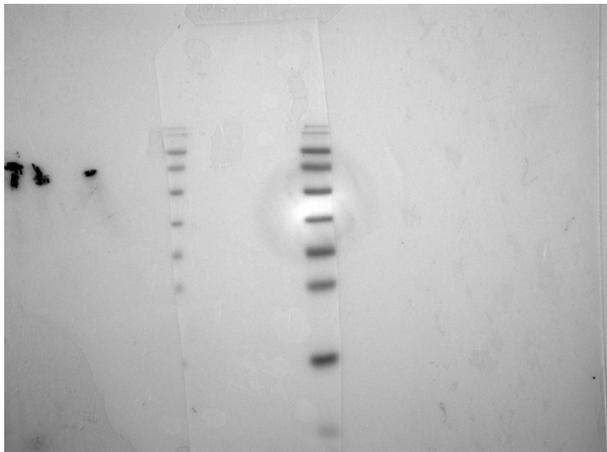
lane4: U87 WT cells treated by 200 μ M TMZ

lane5: U87 DR cells treated by 200 μ M TMZ

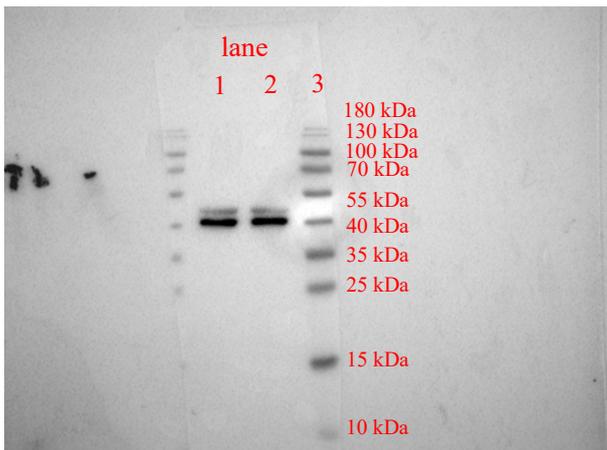
Figure 6b



p-MAPK



p-MAPK bright field



p-MAPK merge

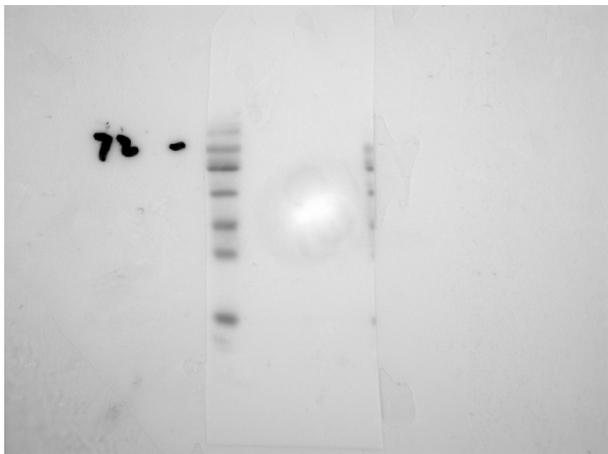
lane1: U87 WT cells

lane2: U87 DR cells

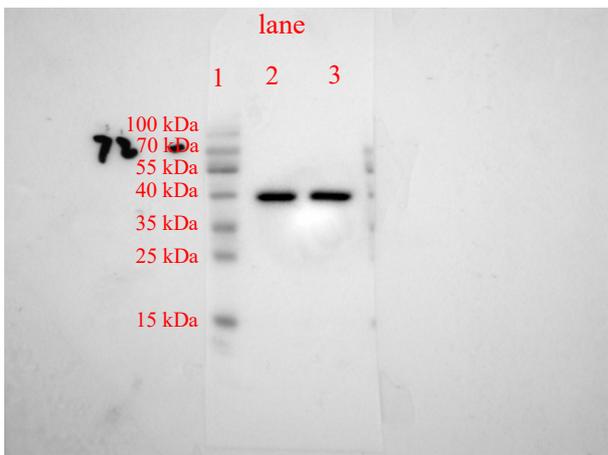
lane3: protein marker (Thermo Fisher, Cat.No.: 26617)



MAPK



MAPK bright field

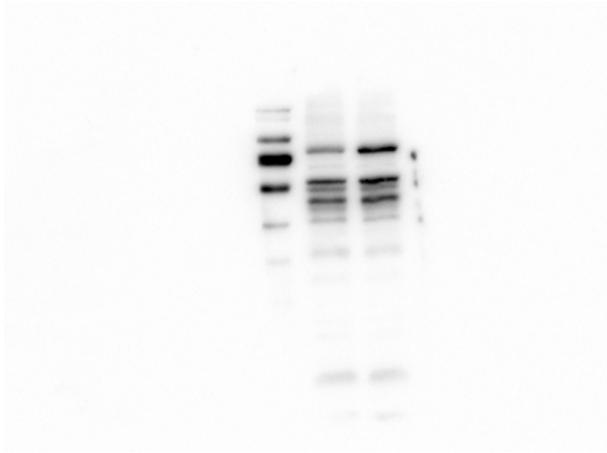


p-MAPK merge

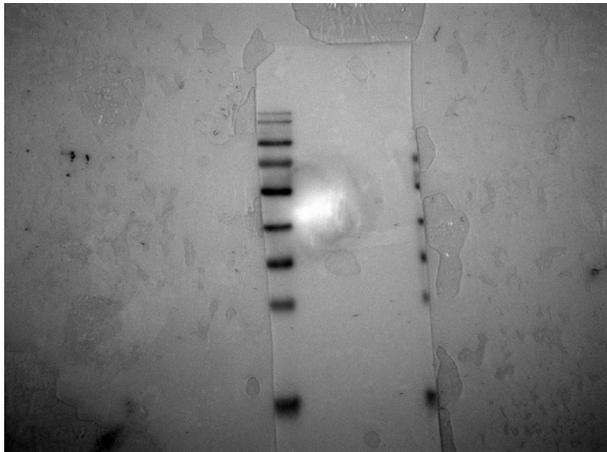
lane1: protein marker (Thermo Fisher, Cat.No.: 26617)

lane2: U87 WT cells

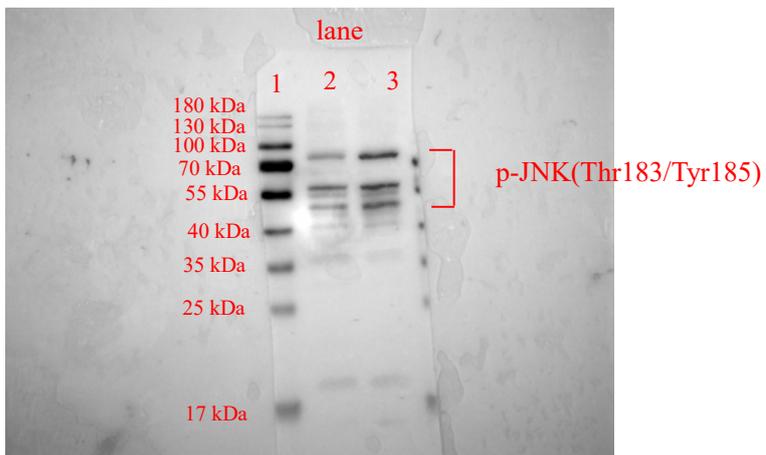
lane3: U87 DR cells



p-JNK (Thr183/Tyr185)



p-JNK (Thr183/Tyr185) bright field

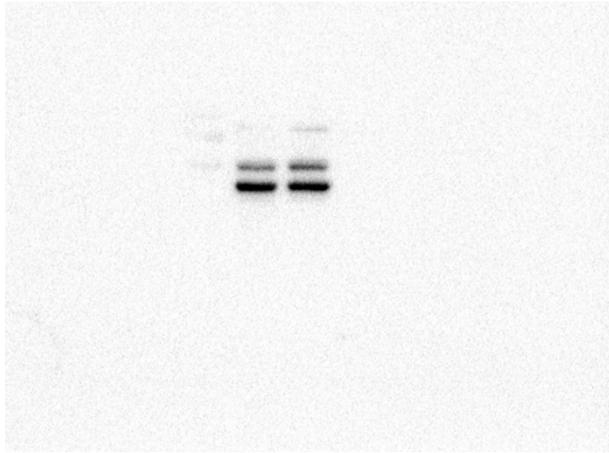


p-JNK (Thr183/Tyr185) merge

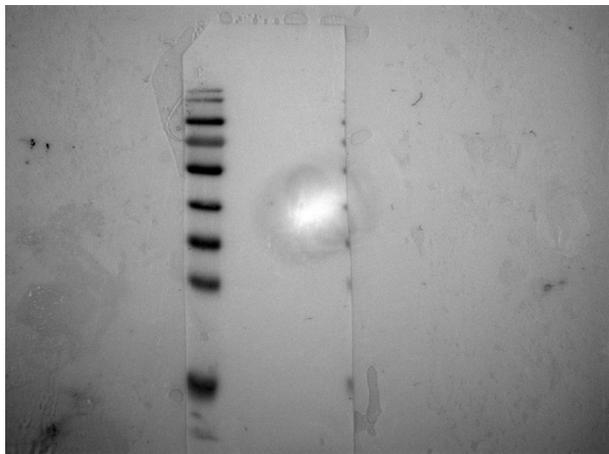
lane1: protein marker (Thermo Fisher, Cat.No.: 26617)

lane2: U87 WT cells

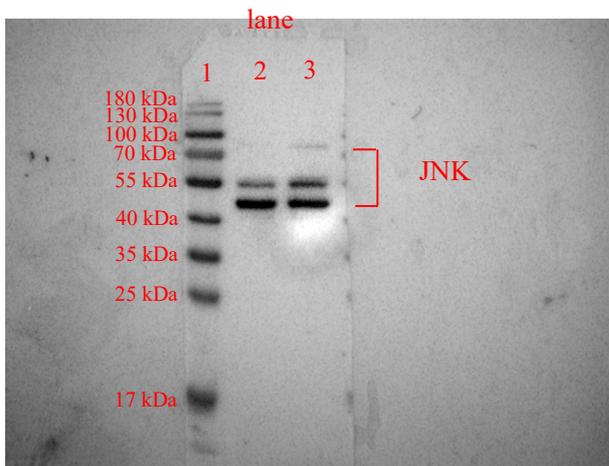
lane3: U87 DR cells



JNK



JNK bright field



JNK merge

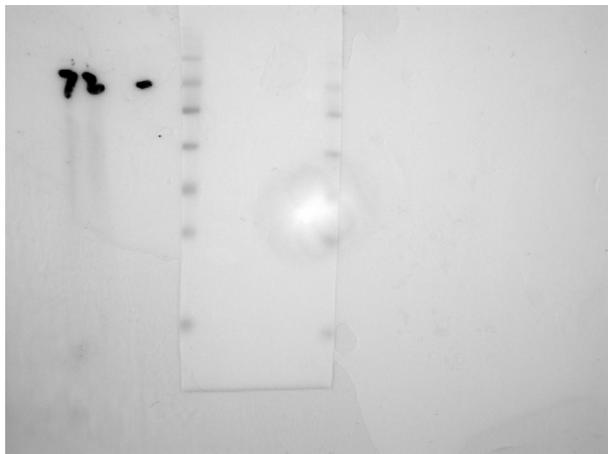
lane1: protein marker (Thermo Fisher, Cat.No.: 26617)

lane2: U87 WT cells

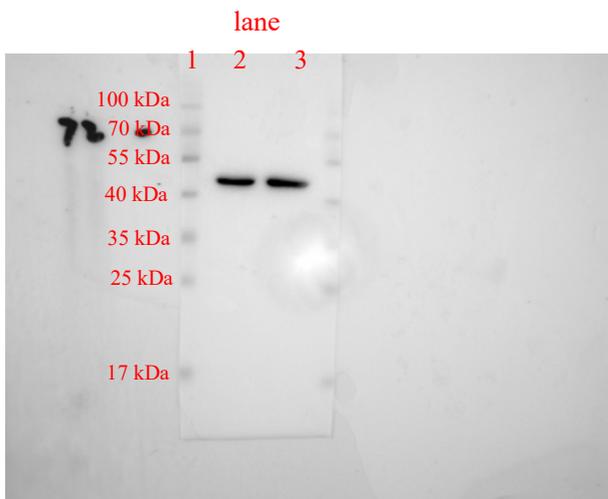
lane3: U87 DR cells



β -actin



β -actin bright field



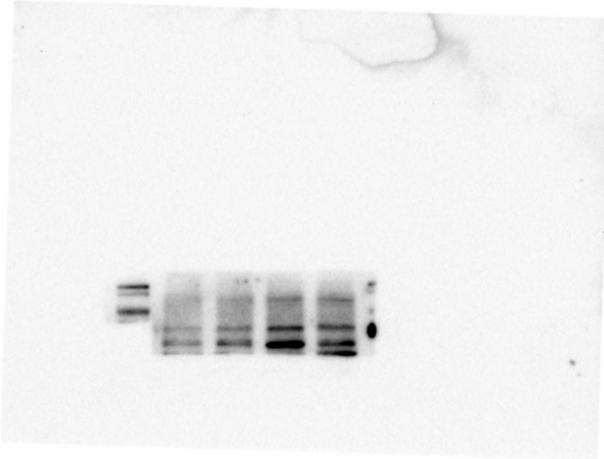
β -actin merge

lane1: protein marker (Thermo Fisher, Cat.No.: 26617)

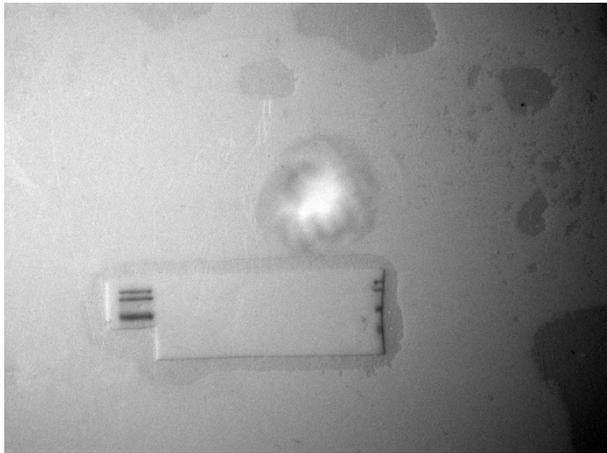
lane2: U87 WT cells

lane3: U87 DR cells

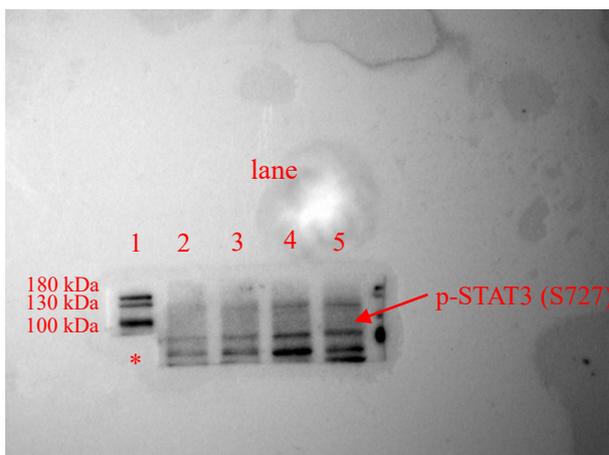
Figure 6d



p-STAT3 (S727)



p-STAT3 (S727) bright field



p-STAT3 (S727) merge

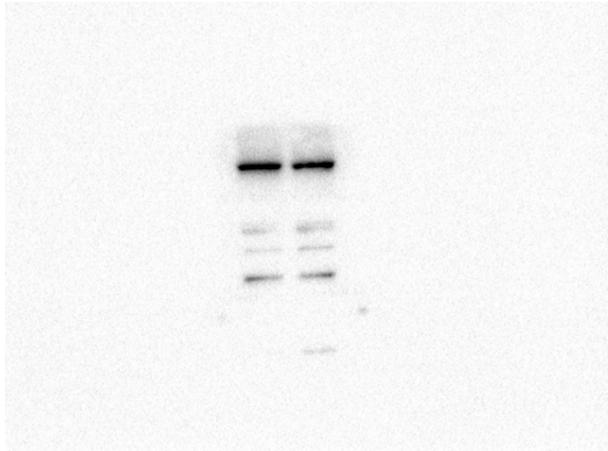
lane1: protein marker (Thermo Fisher, Cat.No.: 26617)

lane2: U87 WT cells

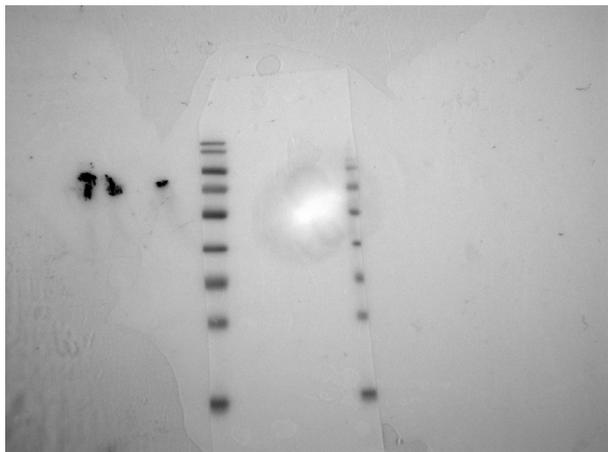
lane3: U87 DR cells

lane4 and lane5: data for other project

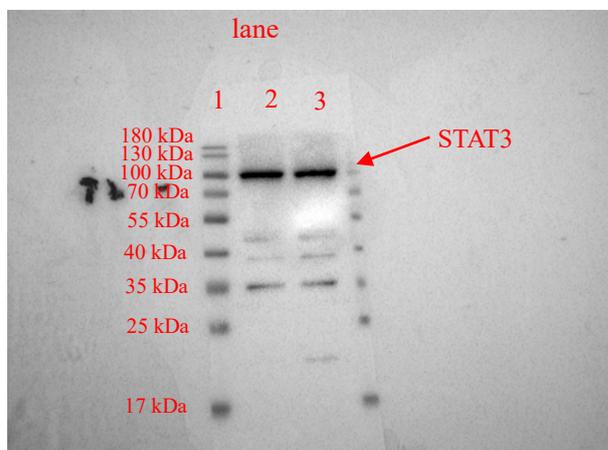
*: Our ECL kit could react with protein marker at 70 kDa occasionally. It formed a bright black dot at this PVDF membrane and interfered the results. Therefore, we cut the PVDF membrane at 70 kDa in lane 1.



STAT3



STAT3 bright field



STAT3 merge

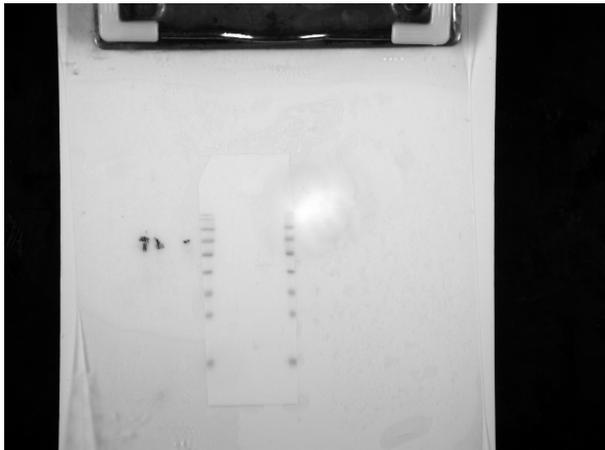
lane1: protein marker (Thermo Fisher, Cat.No.: 26617)

lane2: U87 WT cells

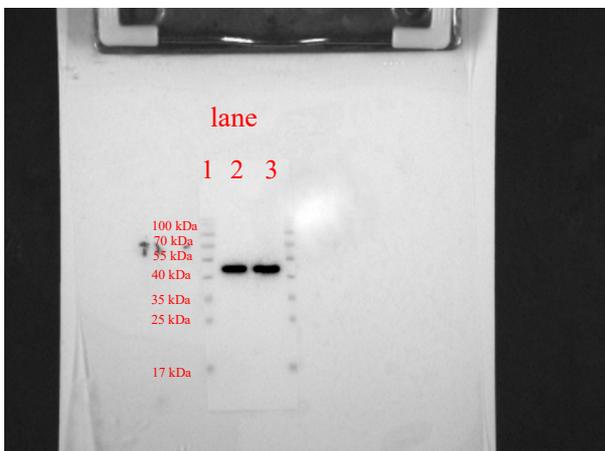
lane3: U87 DR cells



β -actin



β -actin bright field



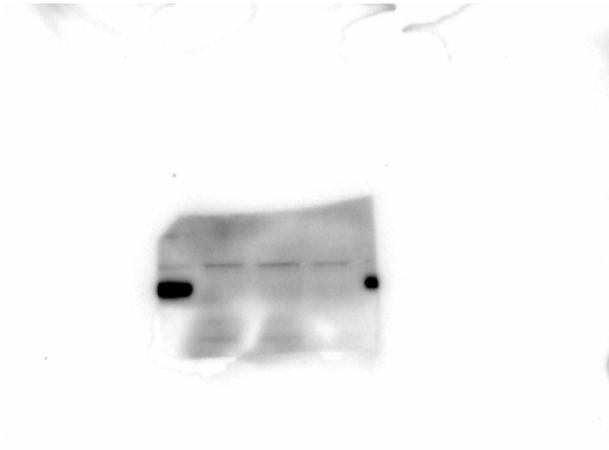
β -actin merge

lane1: protein marker (Thermo Fisher, Cat.No.: 26617)

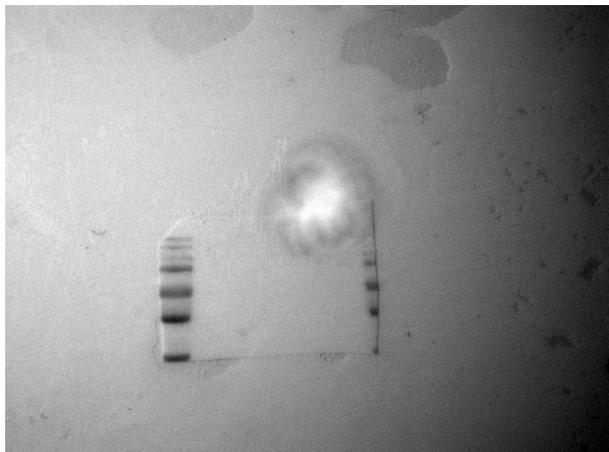
lane2: U87 WT cells

lane3: U87 DR cells

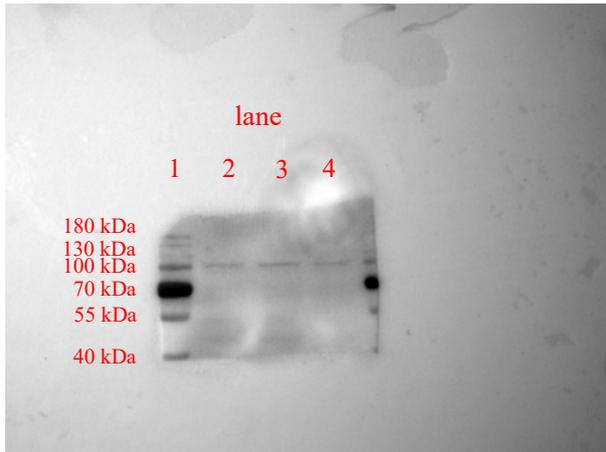
Figure 6e



p-STAT3 (S727)



p-STAT3 (S727) bright field



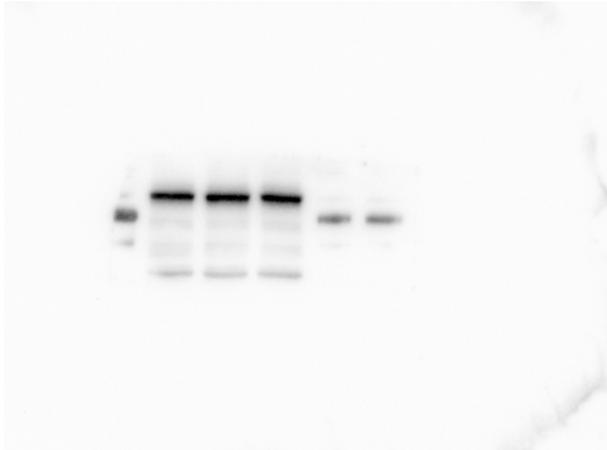
p-STAT3 (S727) merge

lane1: protein marker (Thermo Fisher, Cat.No.: 26617)

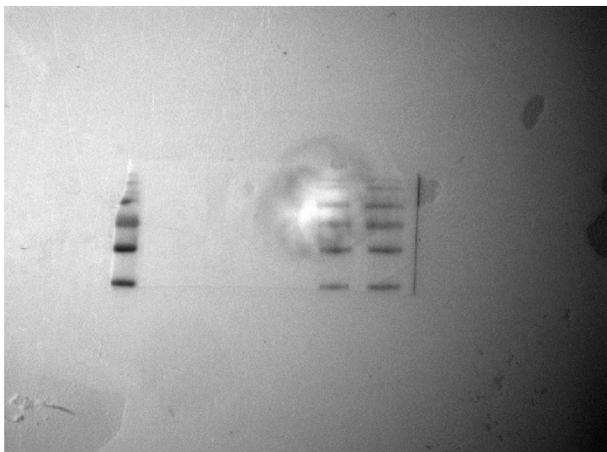
lane2: U87 DR cells treated with DMSO

lane3: U87 DR cells treated with 0.1 μ M 600125

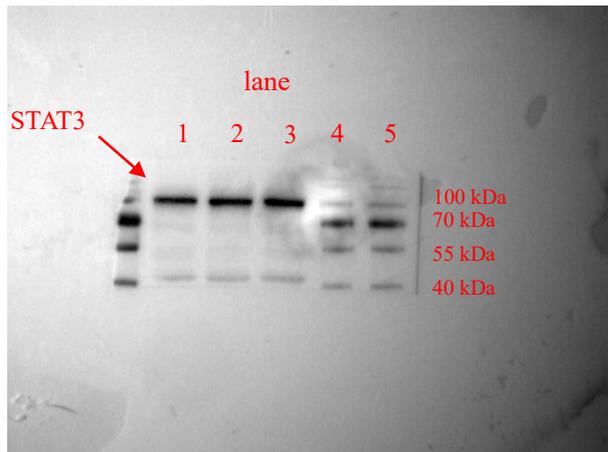
lane4: U87 DR cells treated with 1 μ M 600125



STAT3



STAT3 bright field



STAT3 merge

lane1: U87 DR cells treated with DMSO

lane2: U87 DR cells treated with 0.1 μ M 600125

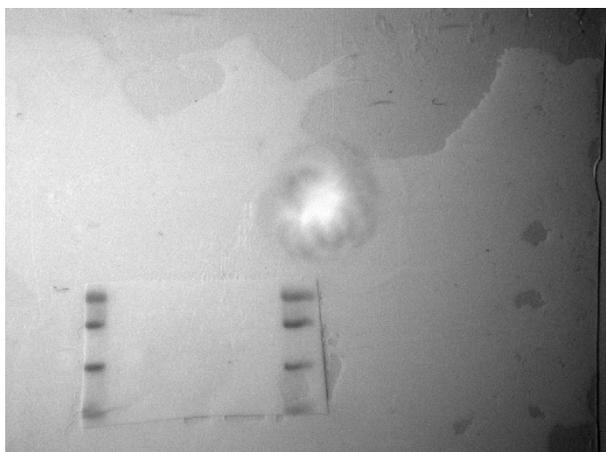
lane3: U87 DR cells treated with 1 μ M 600125

lane4: protein marker (Thermo Fisher, Cat.No.: 26617)

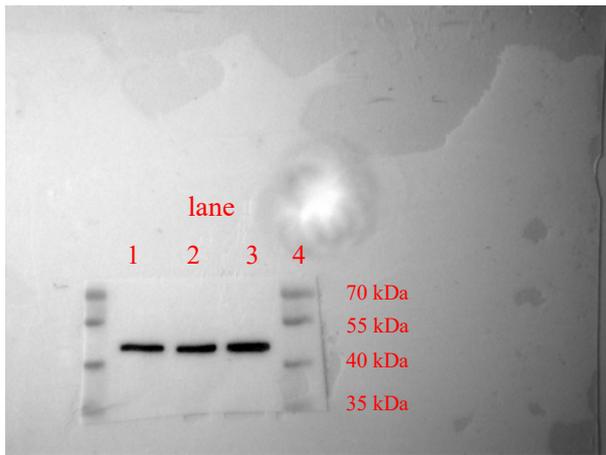
lane5: protein marker (Thermo Fisher, Cat.No.: 26617)



β -actin



β -actin bright field



β -actin merge

lane1: U87 DR cells treated with DMSO

lane2: U87 DR cells treated with 0.1 μ M 600125

lane3: U87 DR cells treated with 1 μ M 600125

lane4: protein marker (Thermo Fisher, Cat.No.: 26617)