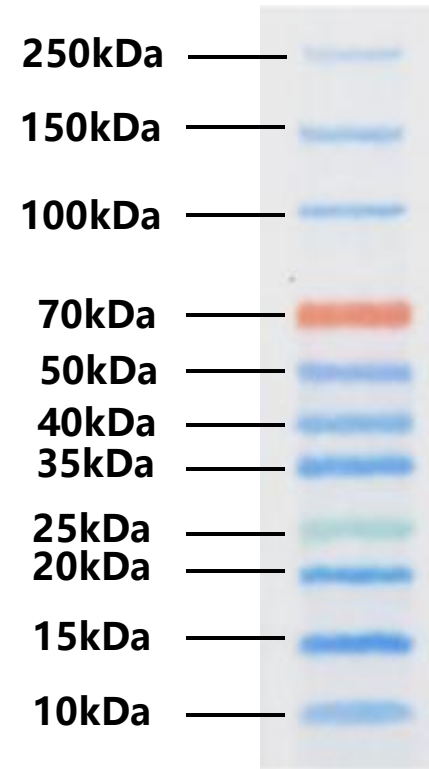


Dear editor,

Thank you for your suggestion.

There are two experimental details that need to be explained for the western blot results shown in Figure 1d. First, the target proteins we detected have different molecular weights. To improve the detection efficiency, we cut the membrane into several bands according to the molecular weight indication provided by the pre-stained protein ladder after each electrophoresis and membrane transfer. The bands were then incubated with indicated primary antibodies separately and subsequent secondary antibodies, and then developed, exposed and imaged using the ChemiScope 6000 Fluorescence Chemiluminescence Imaging System (CLiNX, China). Meanwhile, the detected proteins were separated and imaged in multiple immunoblots, so background varied in different detection; they cannot be fully detected in only one experiment because of the similar molecular weight of some proteins. Second, both sides of each band are where the ladder is located.

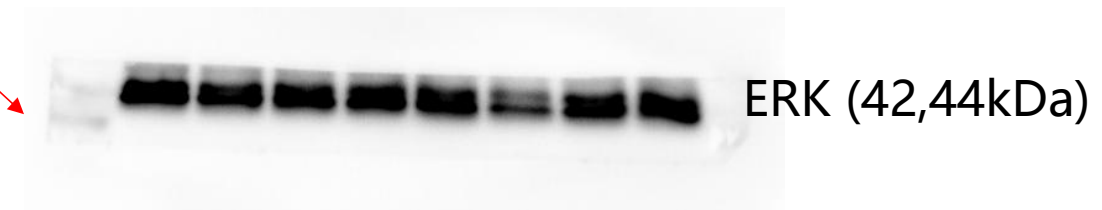
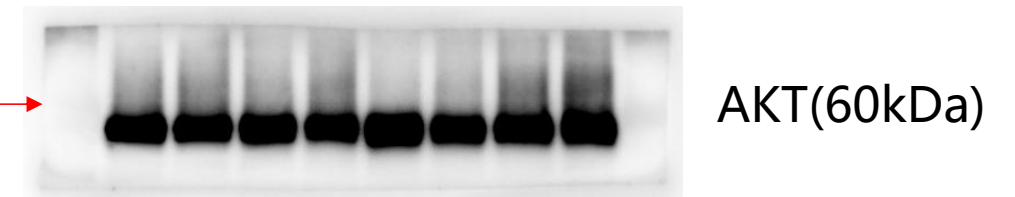
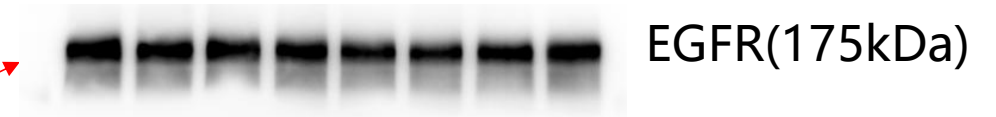
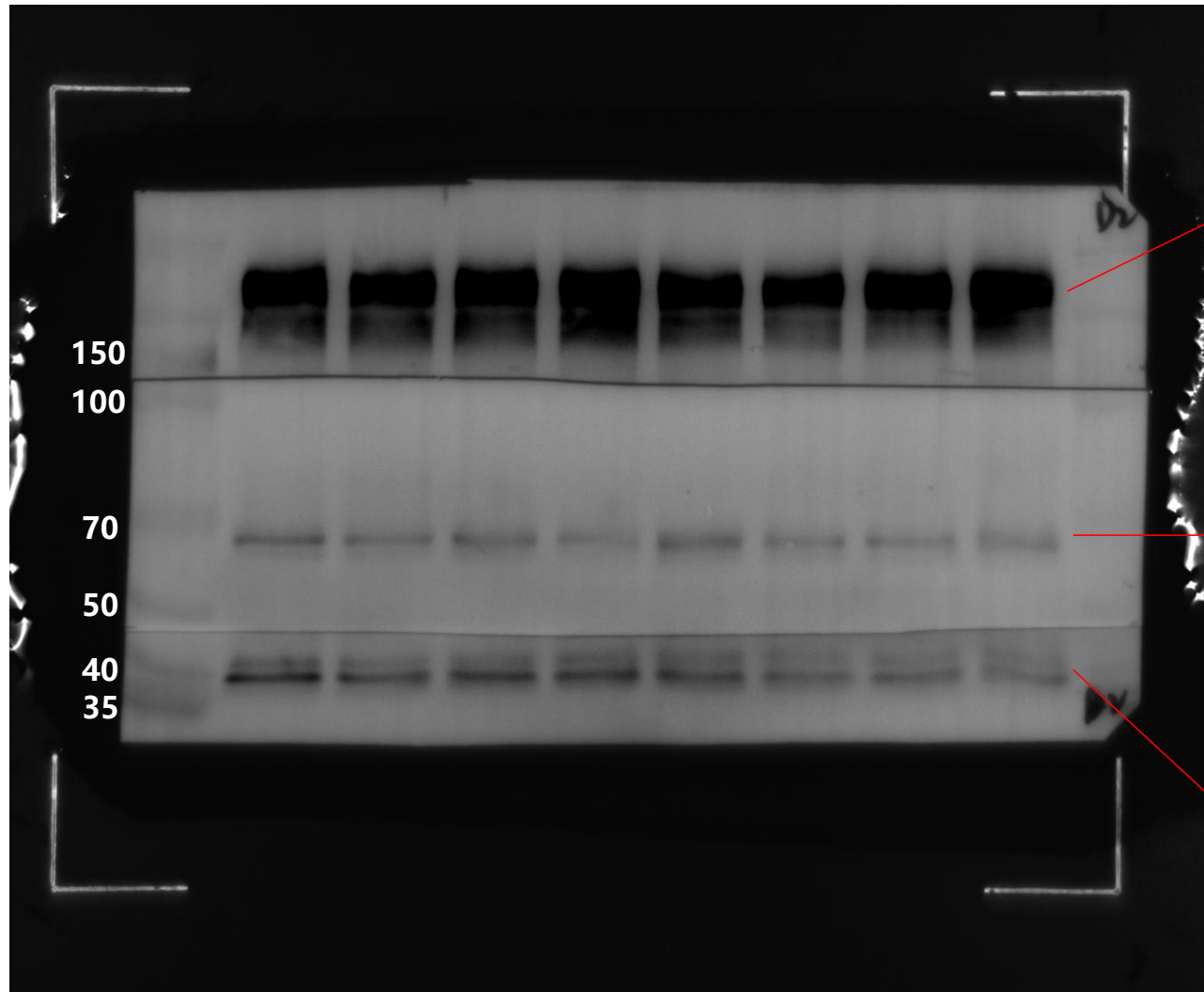
Electrophoresis was performed using the Tricolor Prestained Protein Marker (molecular weight range: 0–250 kDa, catalog number: WJ103) from Shanghai YaMei Biotechnology Co., Ltd., and the unprocessed original blots containing the marker are shown as follows:



## Total proteins in PC-9<sup>del19/T790M/C797S</sup> cells

An image of the entire membrane

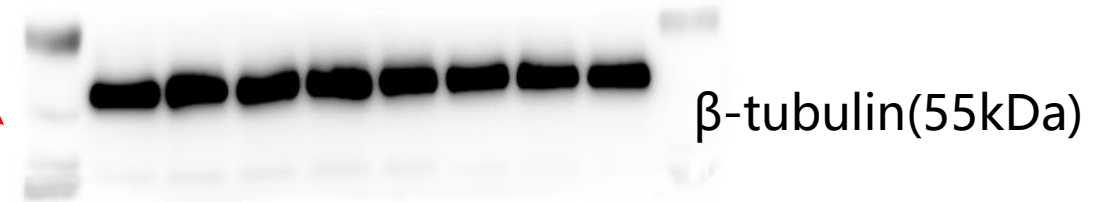
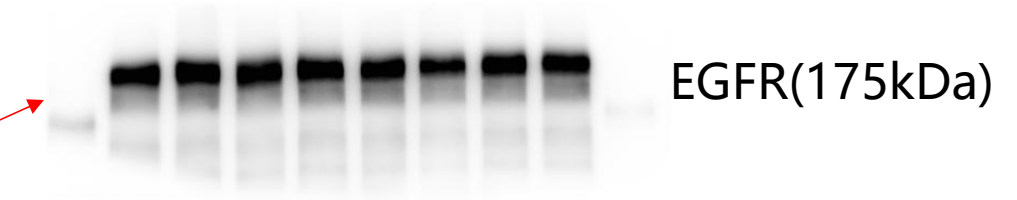
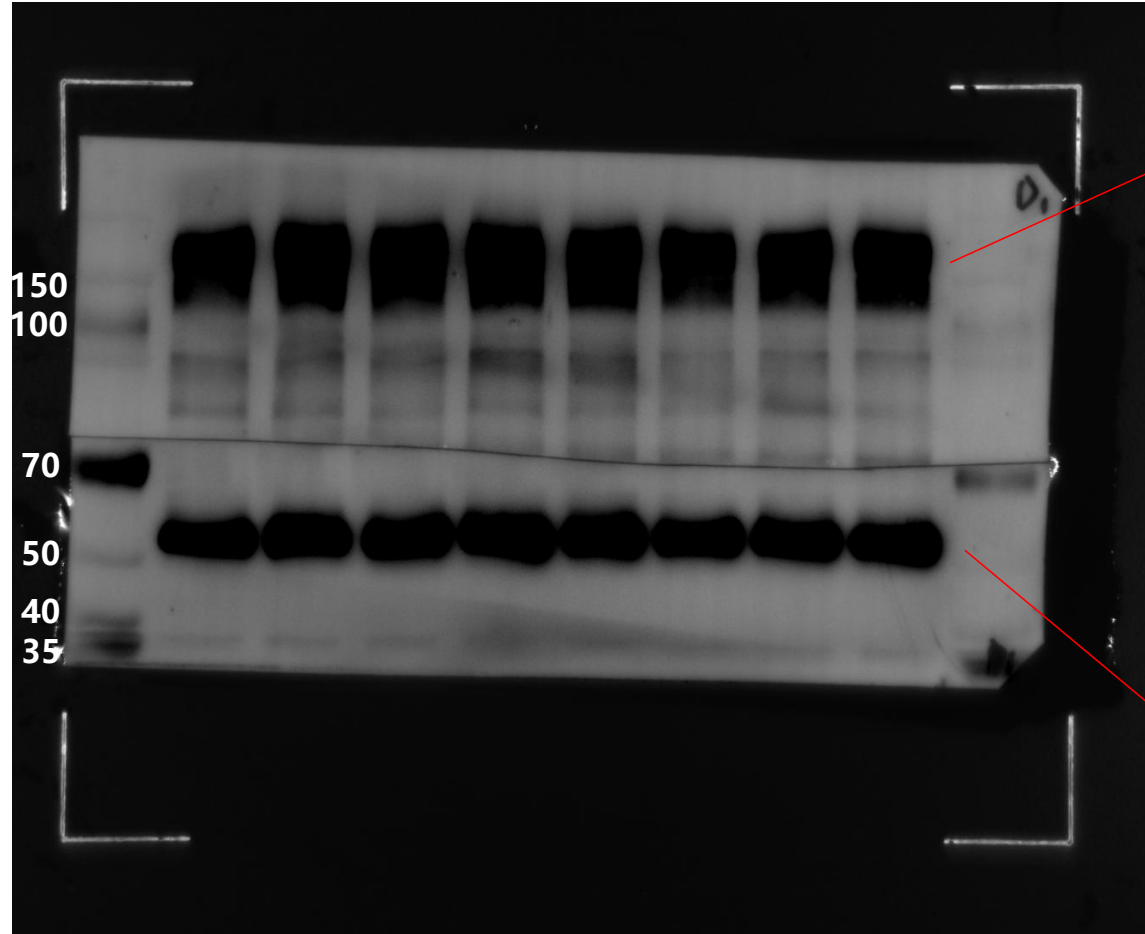
The optimally exposed images of a separate membrane



## Total proteins in PC-9<sup>del19/T790M/C797S</sup> cells

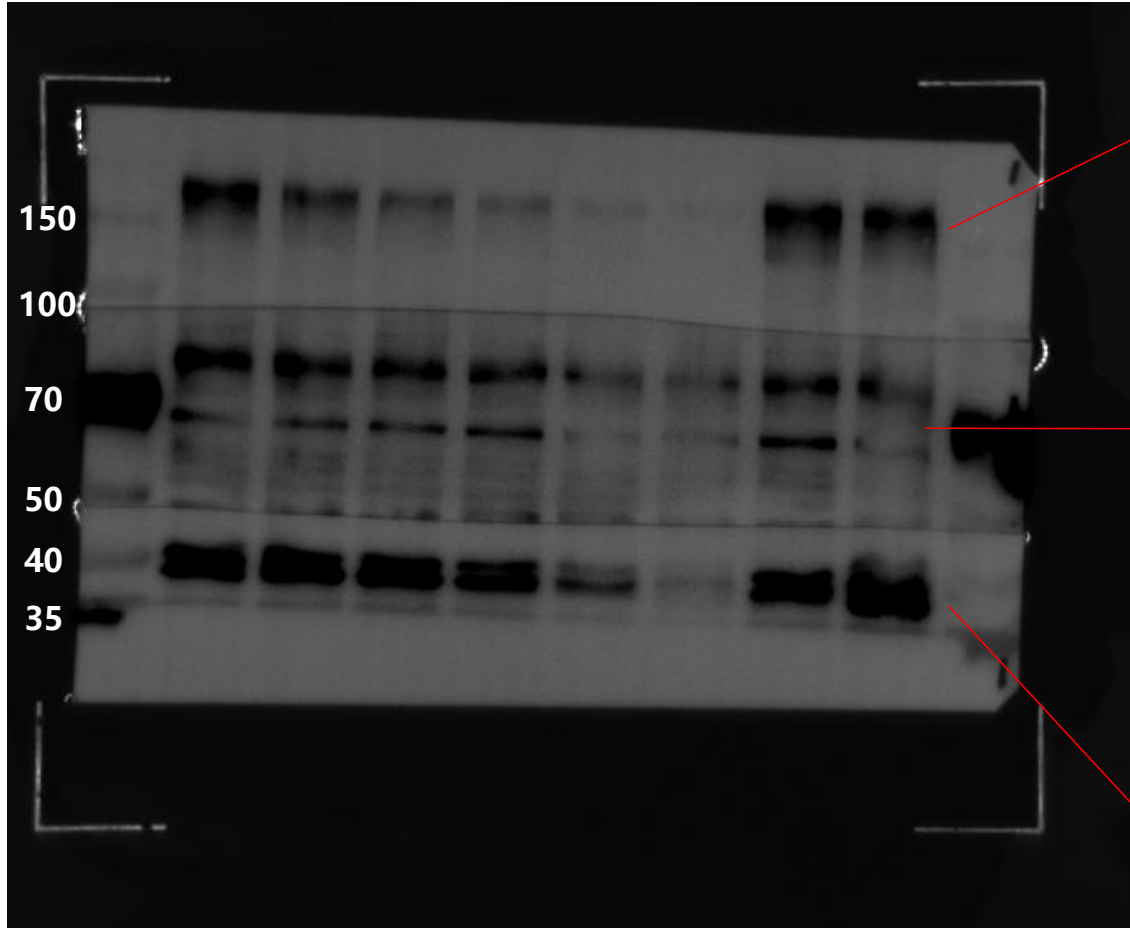
An image of the entire membrane

The optimally exposed images of a separate membrane

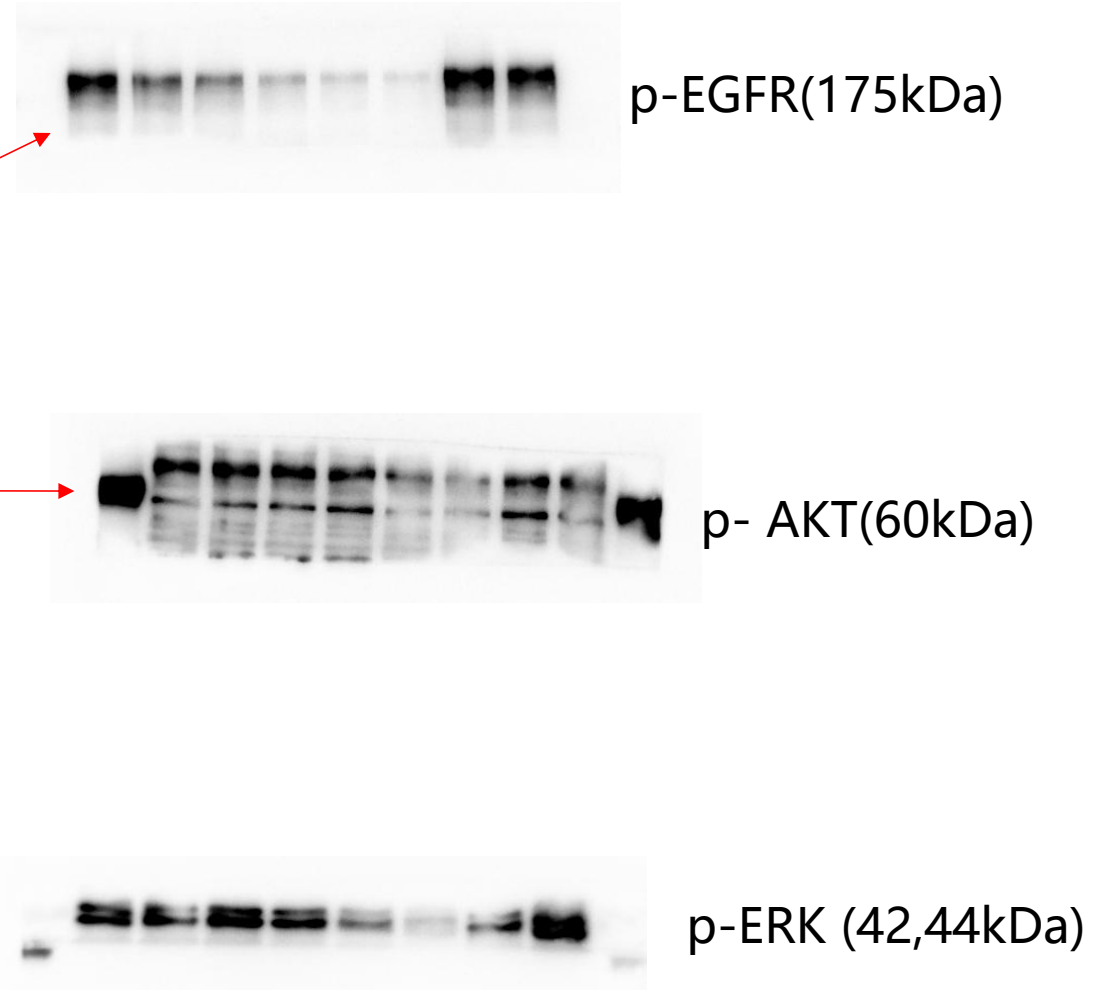


## Phosphorylation proteins in PC-9<sup>del19/T790M/C797S</sup> cells

An image of the entire membrane

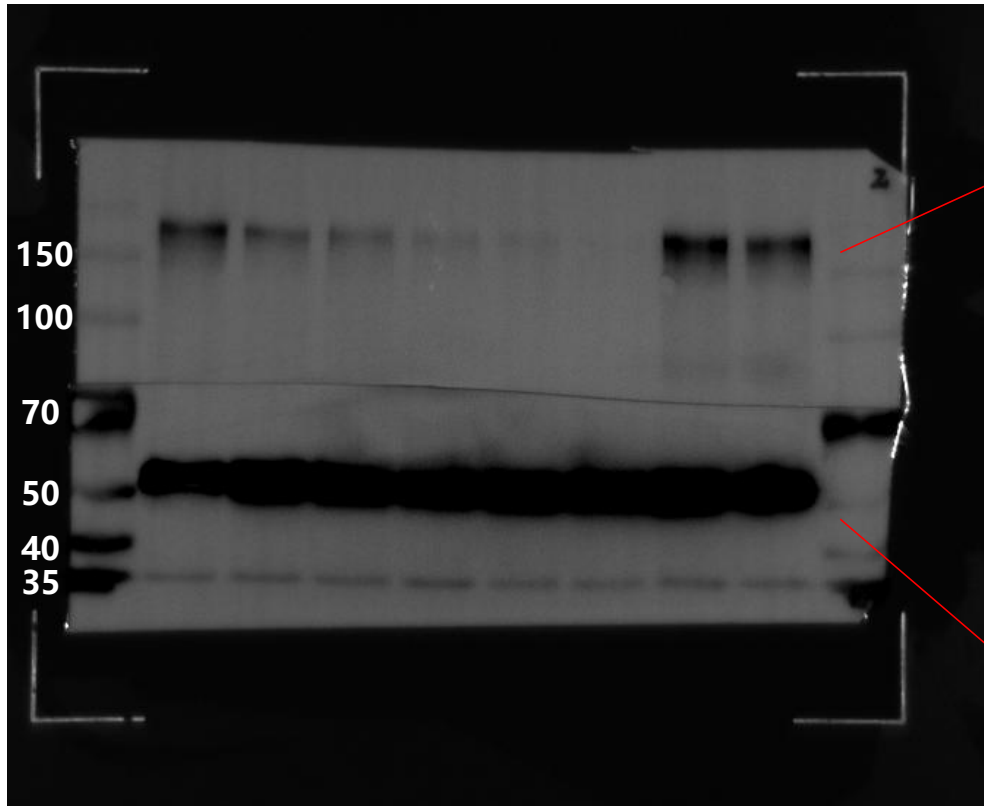


The optimally exposed images of a separate membrane

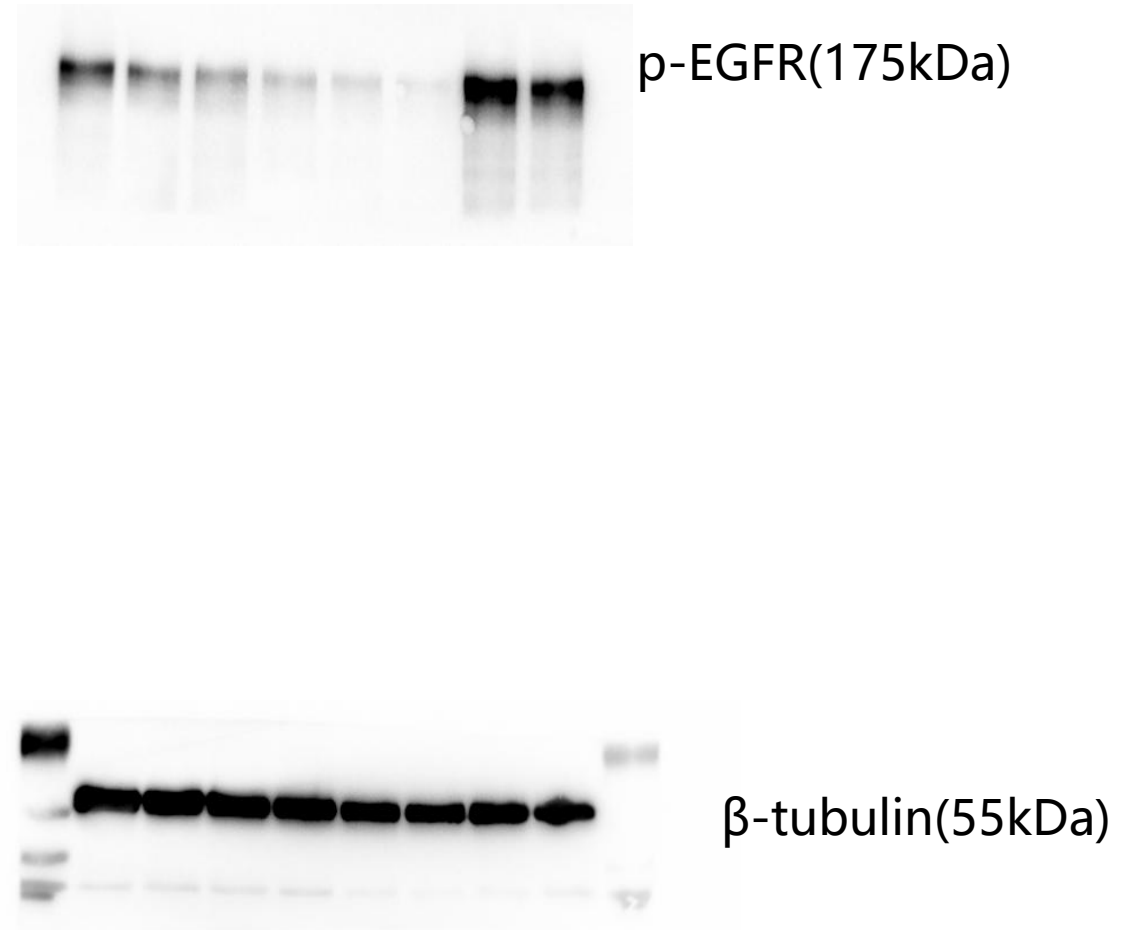


## Phosphorylation proteins in PC-9<sup>del19/T790M/C797S</sup> cells

An image of the entire membrane



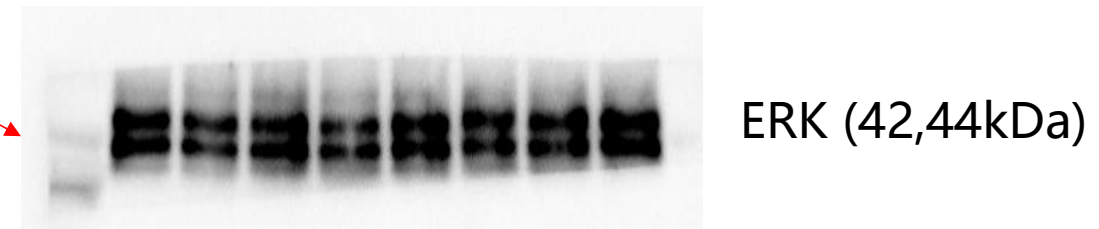
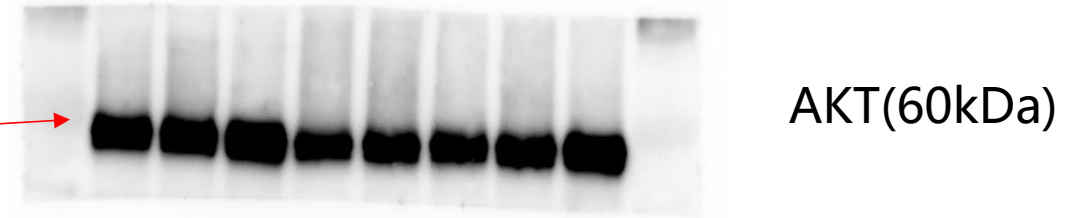
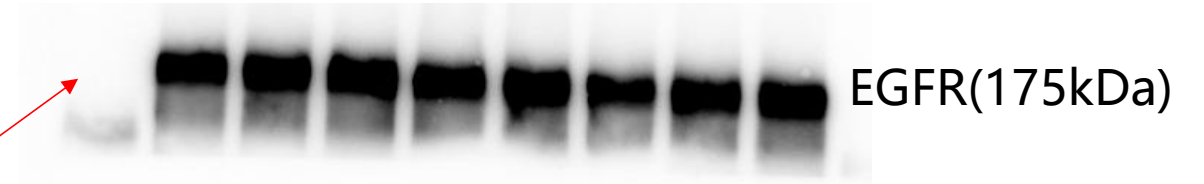
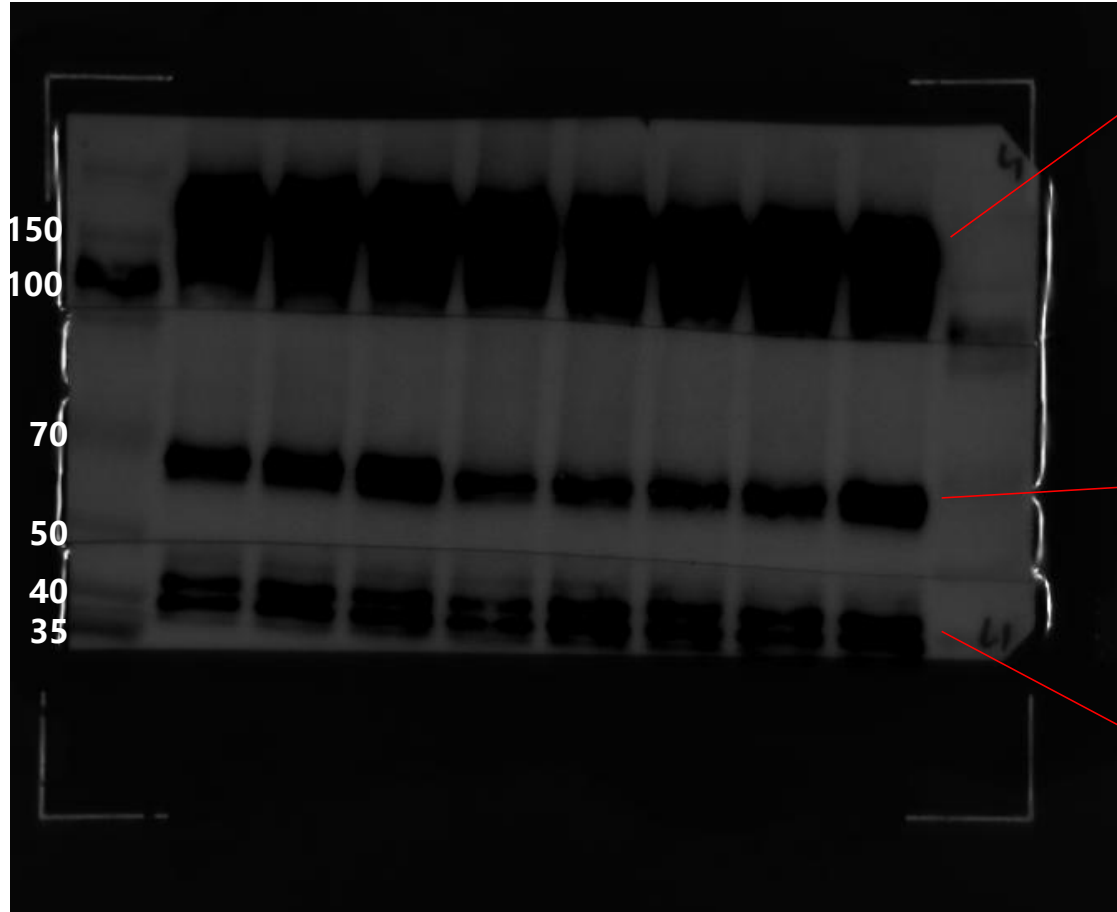
The optimally exposed images of a separate membrane



## Total protein in PC-9<sup>L858R/T790M/C797S</sup> cells

An image of the entire membrane

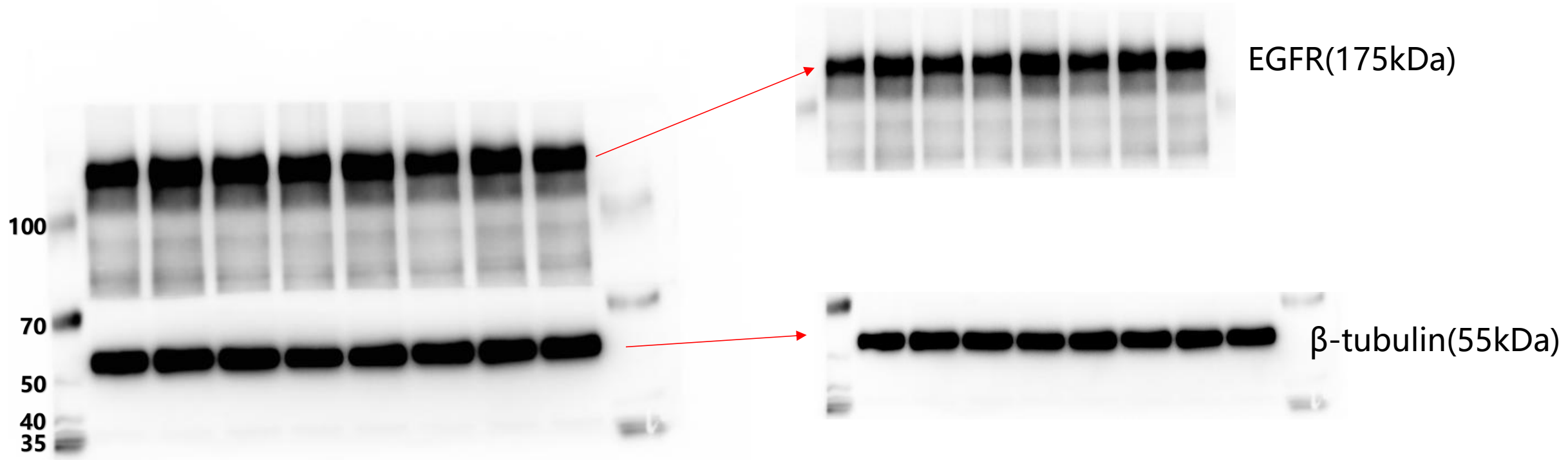
The optimally exposed images of a separate membrane



## Total protein in PC-9<sup>L858R/T790M/C797S</sup> cells

An image of the entire membrane

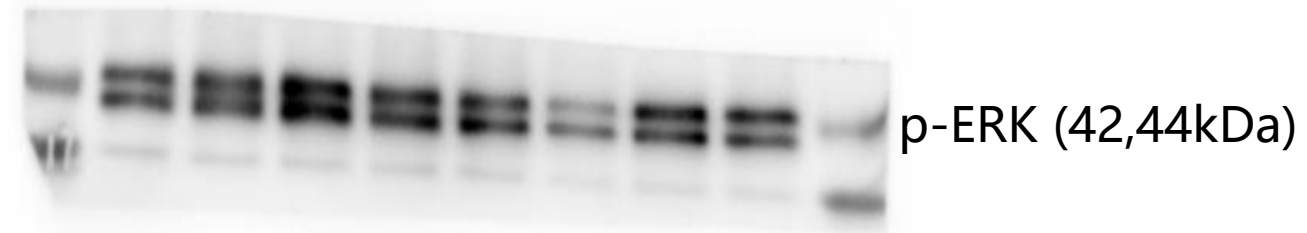
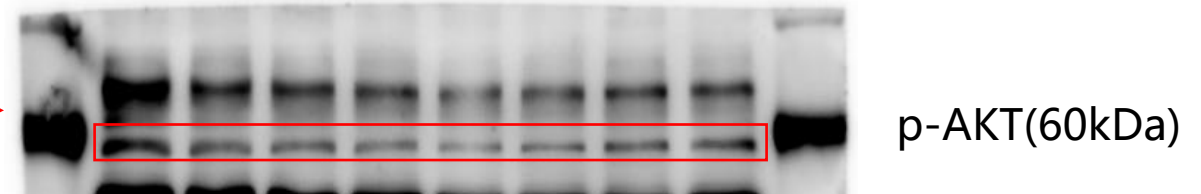
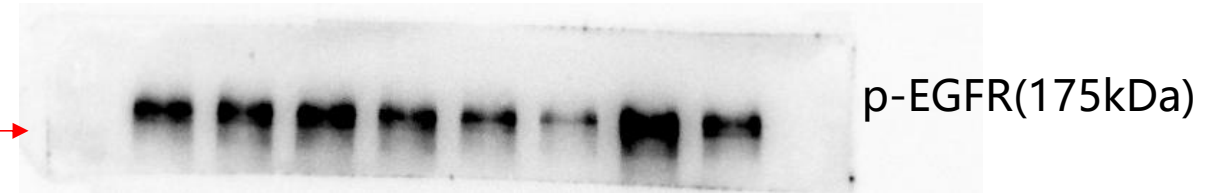
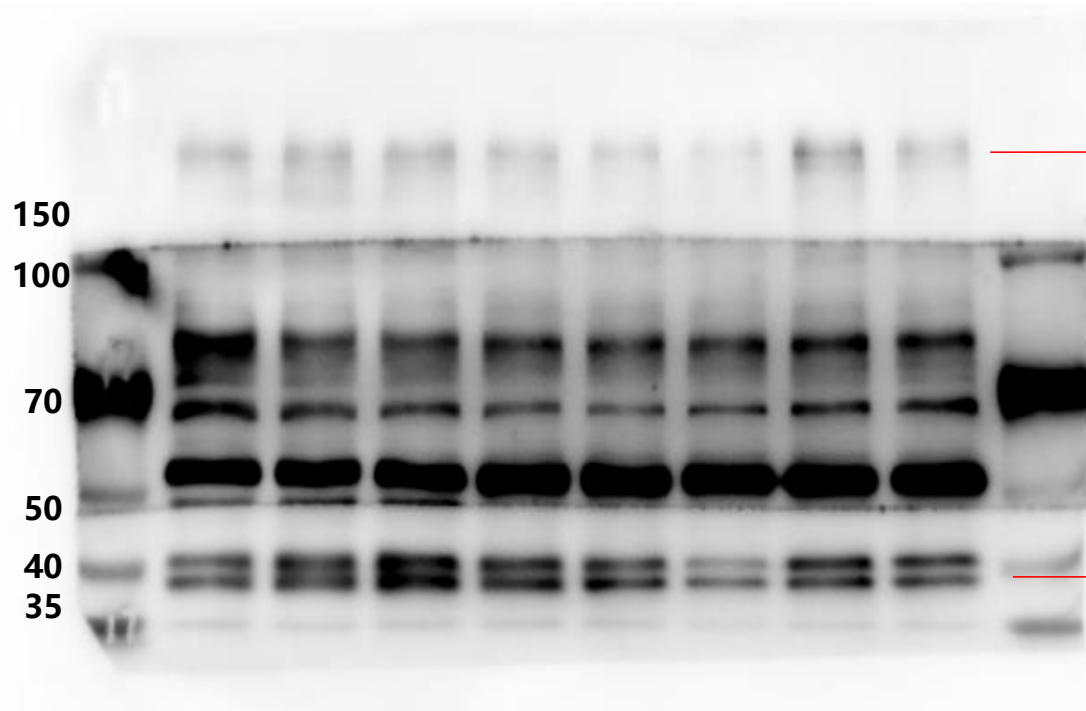
The optimally exposed images of a separate membrane



## Phosphorylation proteins in PC-9<sup>L858R/T790M/C797S</sup> cells

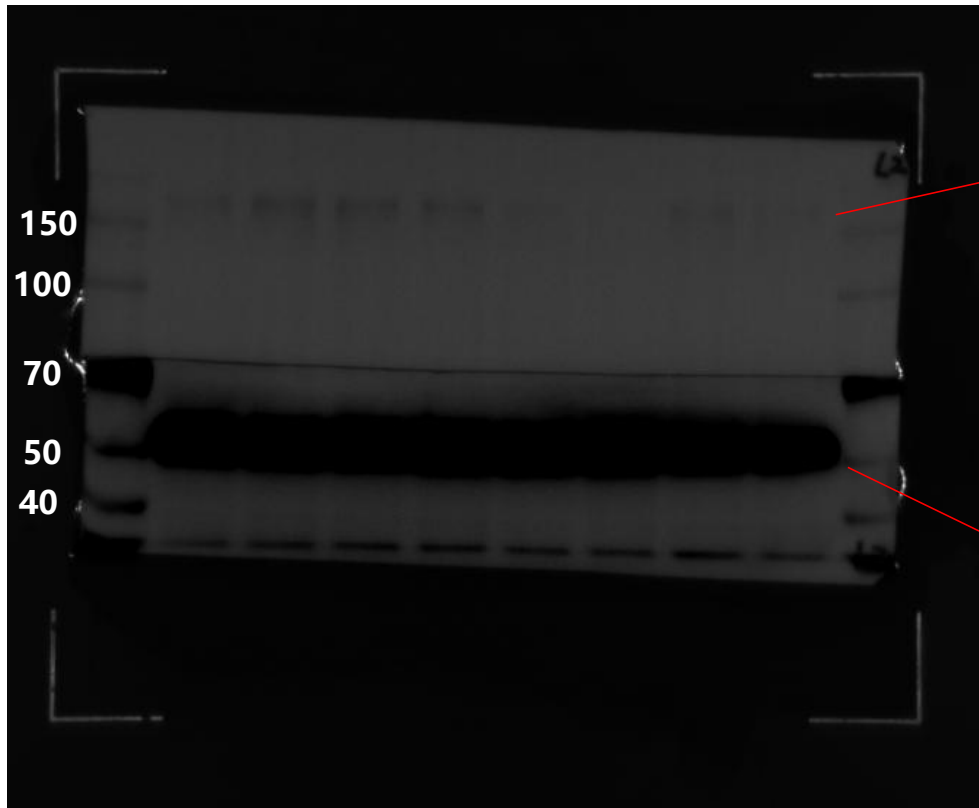
An image of the entire membrane

The optimally exposed images of a separate membrane



## Phosphorylation proteins in PC-9<sup>L858R/T790M/C797S</sup> cells

An image of the entire membrane



The optimally exposed images of a separate membrane

