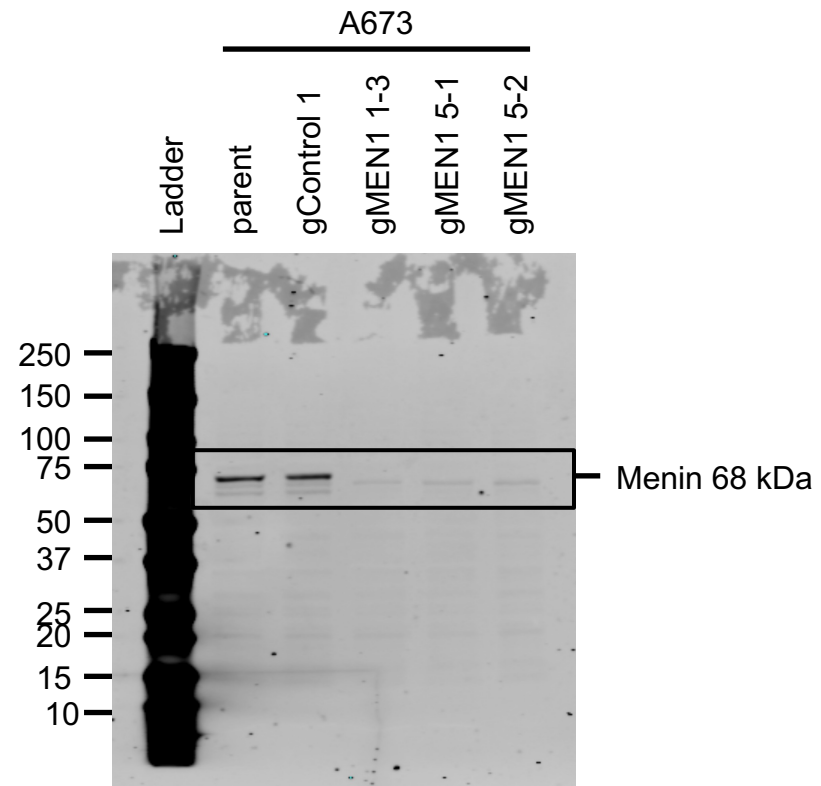
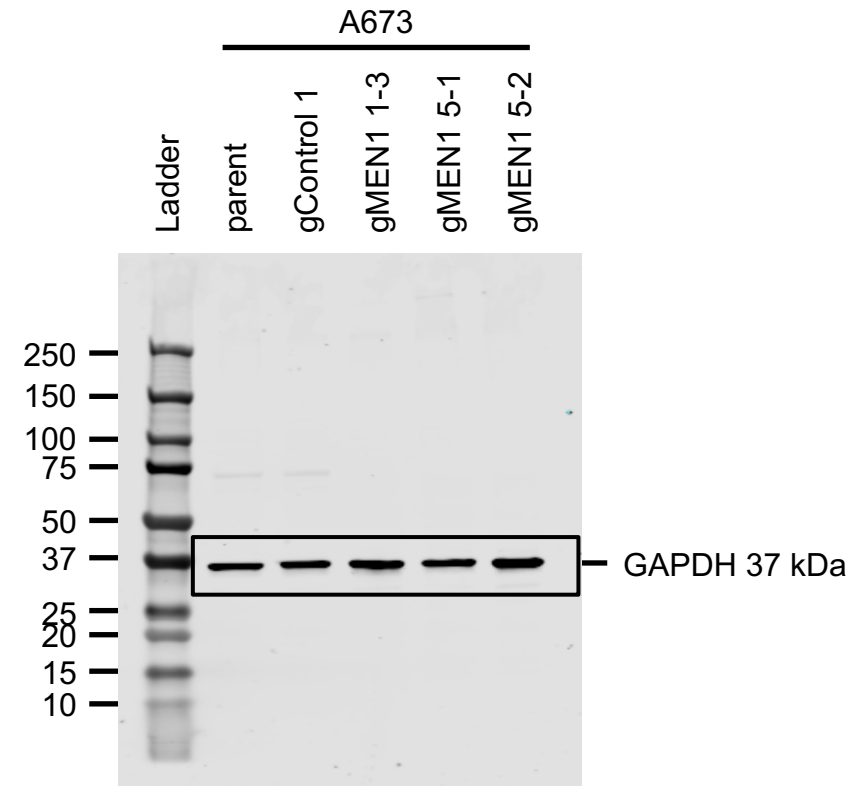


# **Menin inhibition impairs metastatic colonization of Ewing sarcoma**

Katherine A. Braun, Nicolas M. Garcia, Mohamed A. Ahmed,  
Darleen S. Tu, Stephanie I. Walter, Emma D. Wrenn, Megan E.B.  
Dean, Neerja Katiyar, Elizabeth R. Lawlor

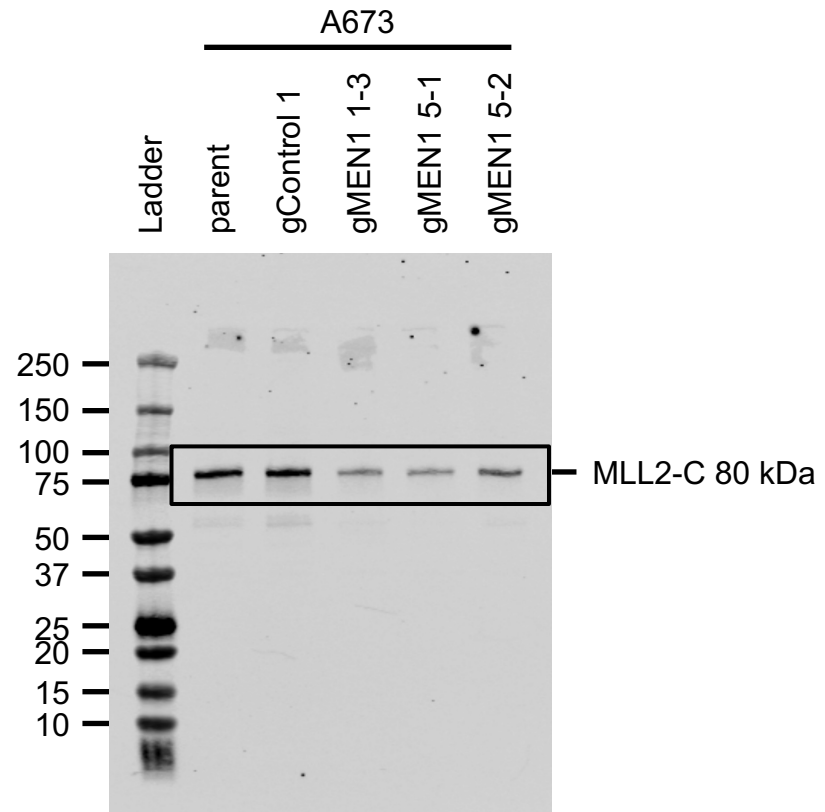
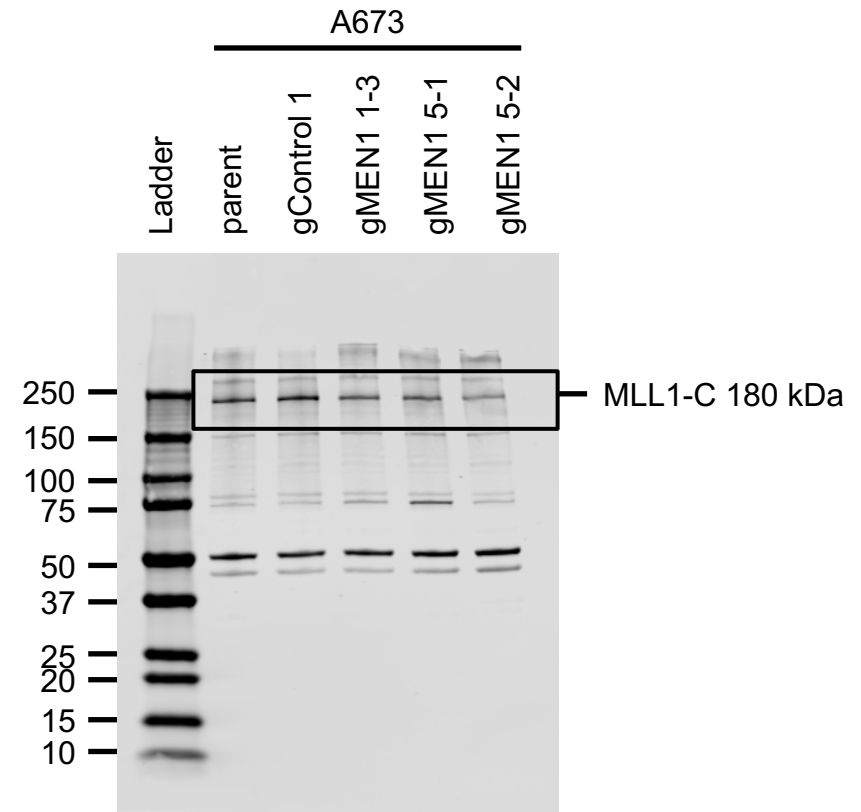
JCI Insight unedited blot and gel images

# Full unedited blot for Figure 1C – A673



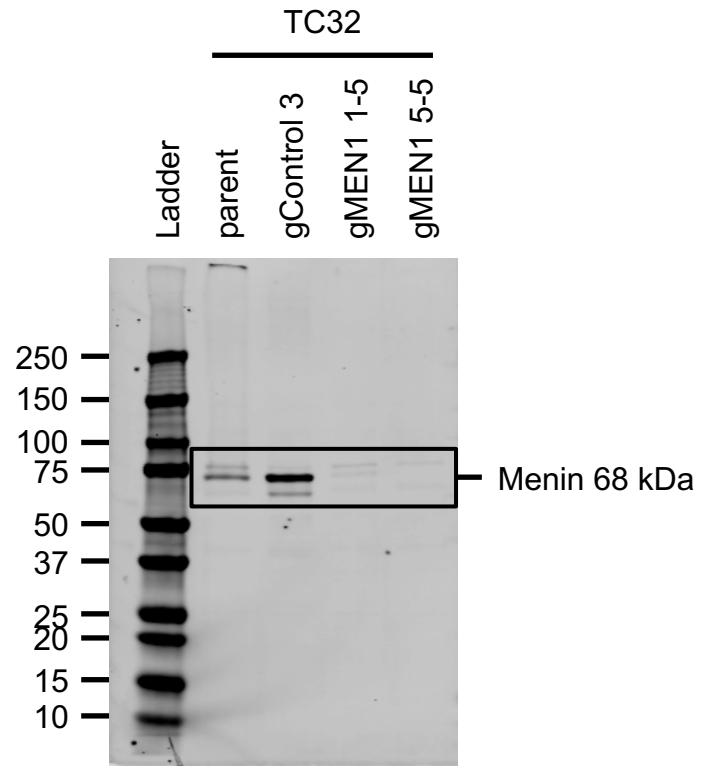
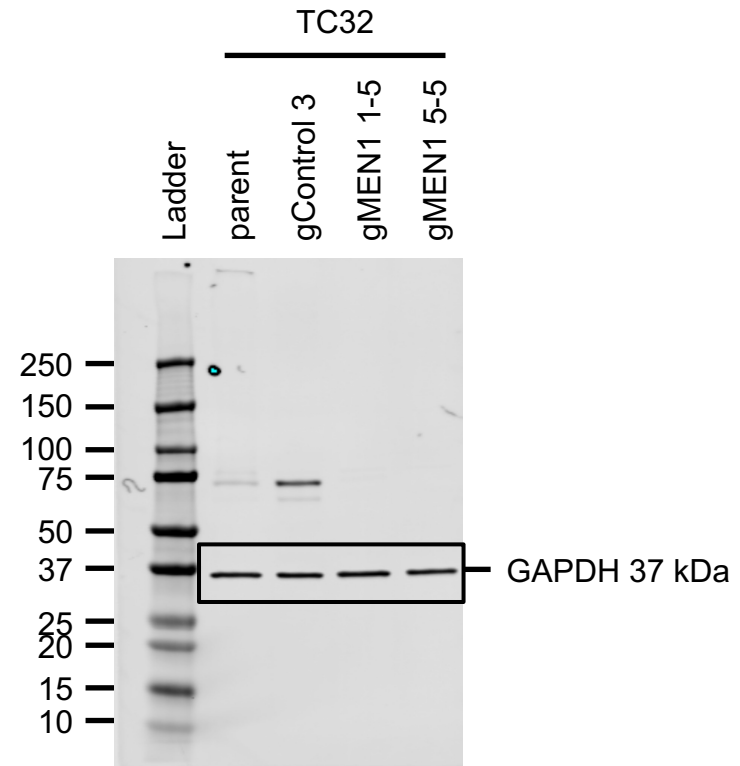
Probed sequentially –  $\alpha$ -Menin  $\rightarrow$   $\alpha$ -GAPDH

# Full unedited blot for Figure 1C – A673



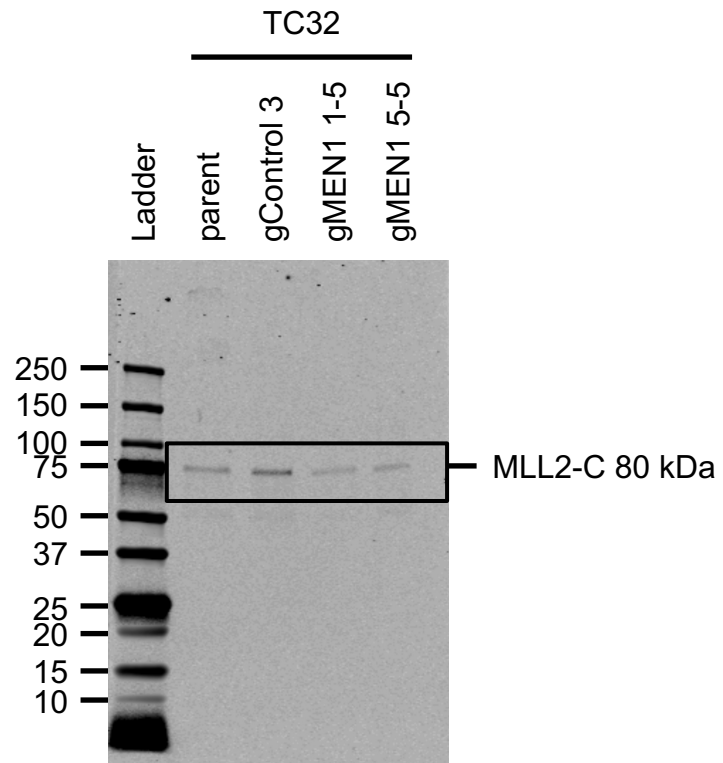
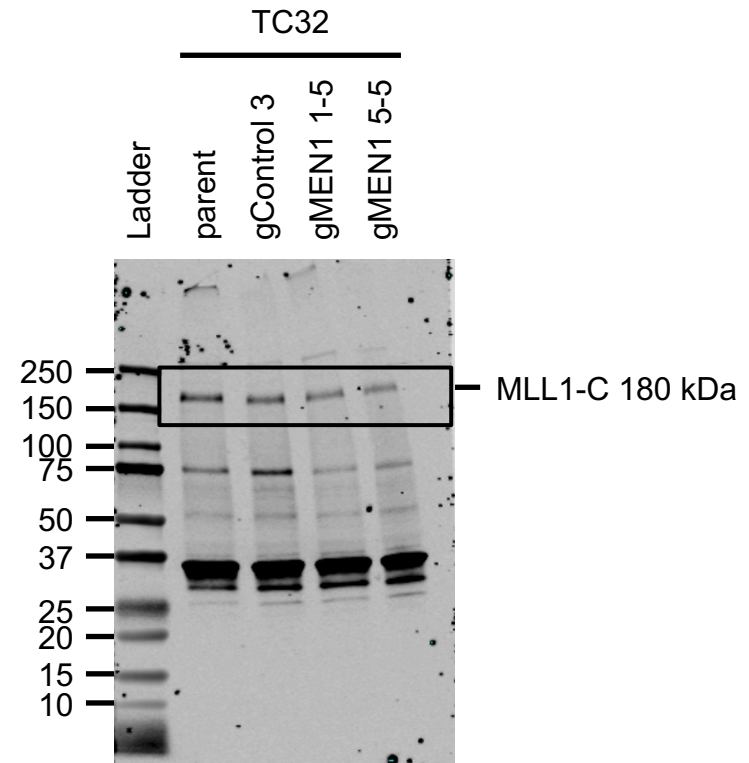
Two separate blots

# Full unedited blot for Figure 1C – TC32



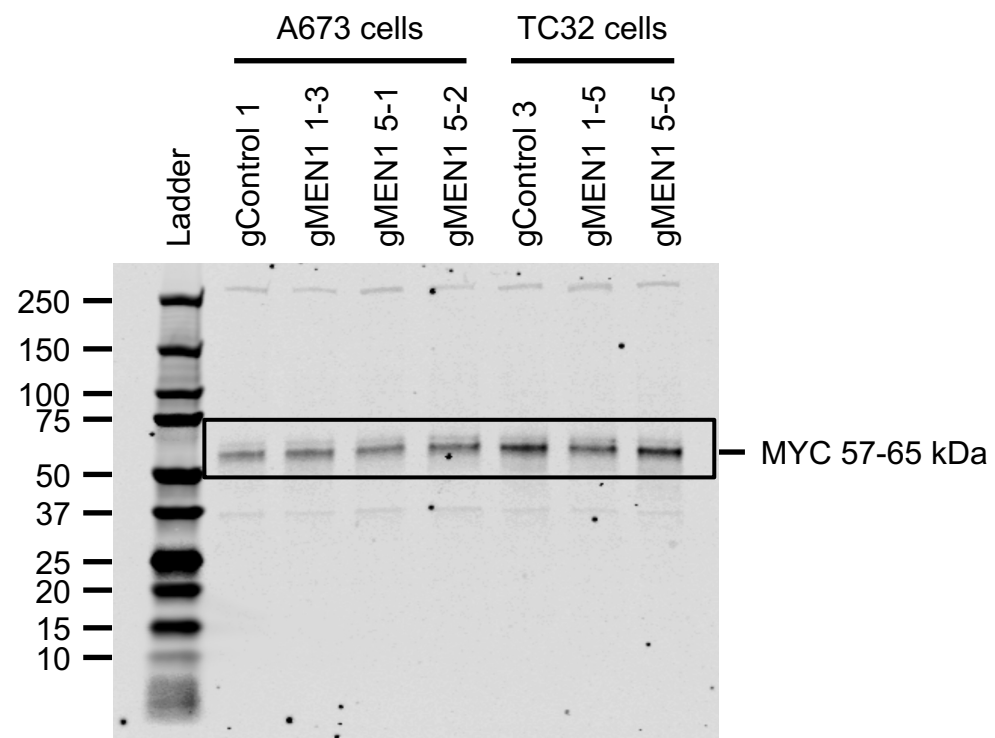
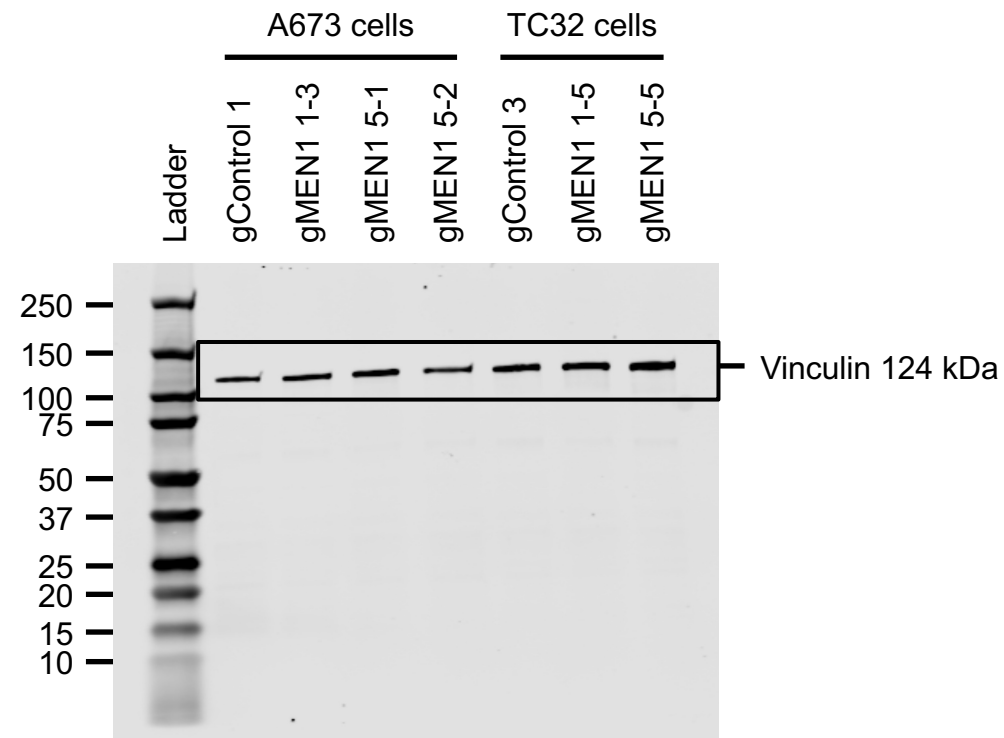
Probed sequentially –  $\alpha$ -Menin  $\rightarrow$   $\alpha$ -GAPDH

# Full unedited blot for Figure 1C – TC32



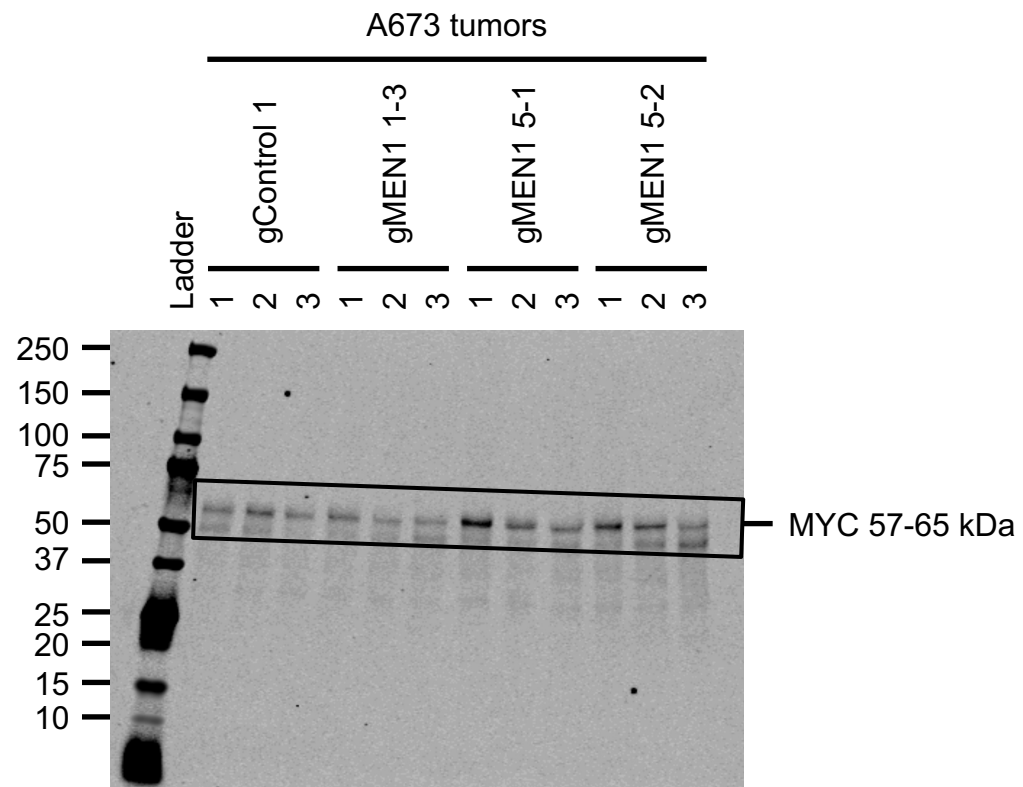
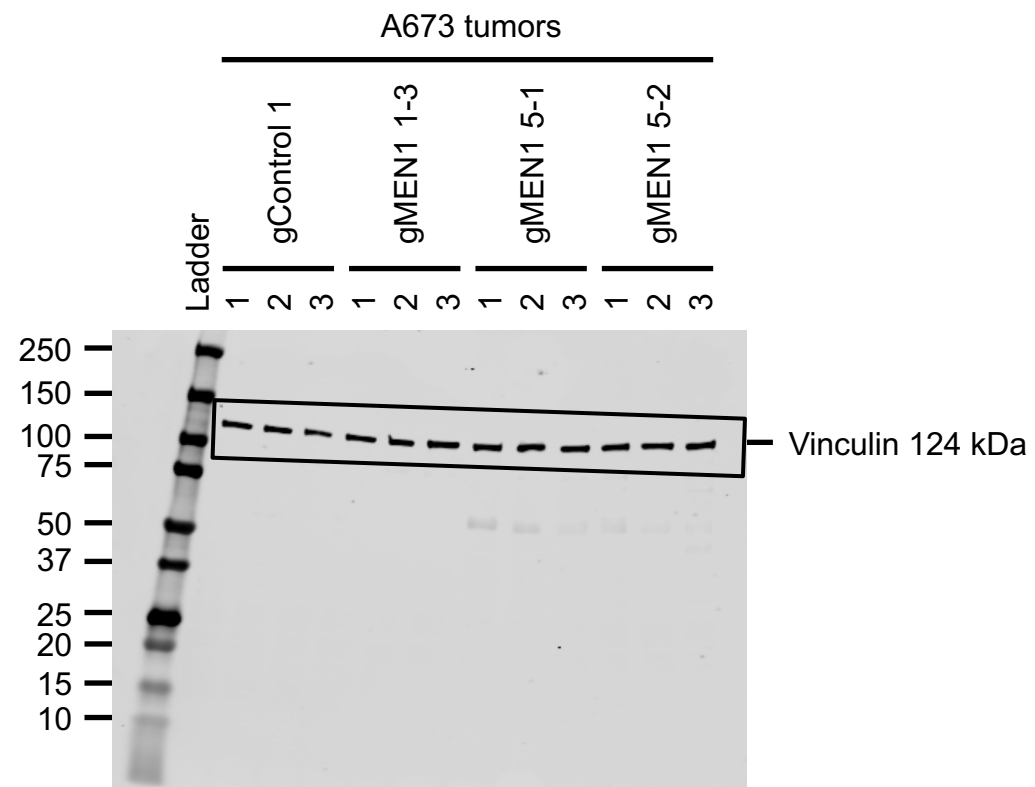
Probed sequentially –  $\alpha$ -MLL2-C  $\rightarrow$   $\alpha$ -MLL1-C

## Full unedited blot for Figure 5C



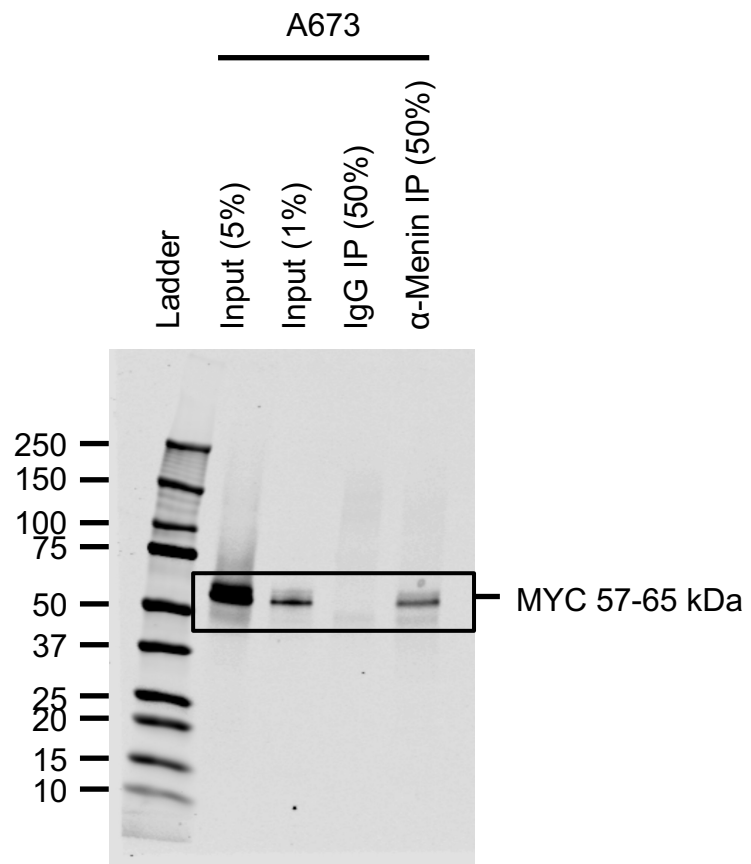
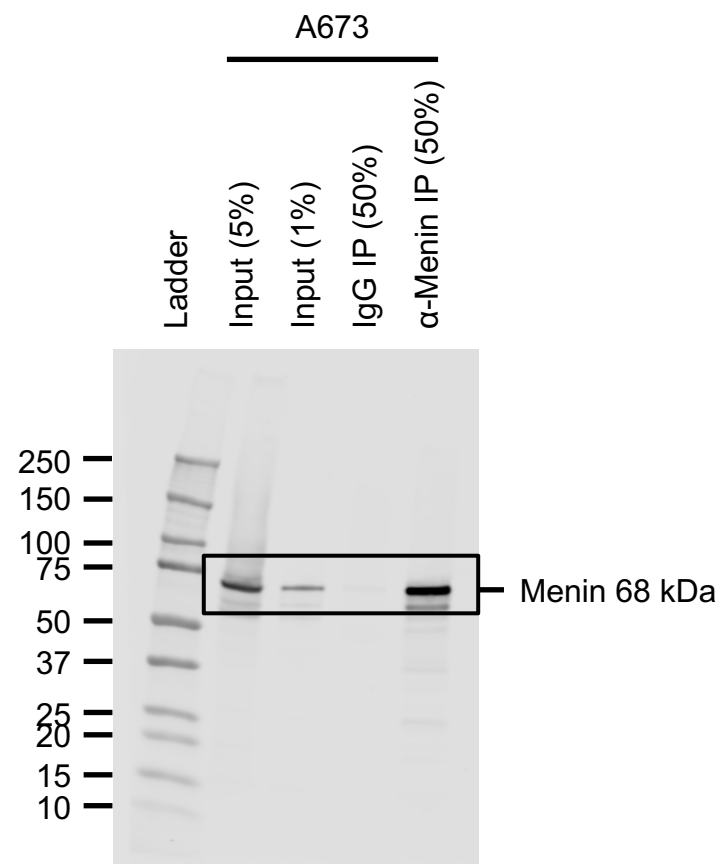
Probed sequentially –  $\alpha$ -MYC  $\rightarrow$   $\alpha$ -Vinculin

## Full unedited blot for Figure 5D



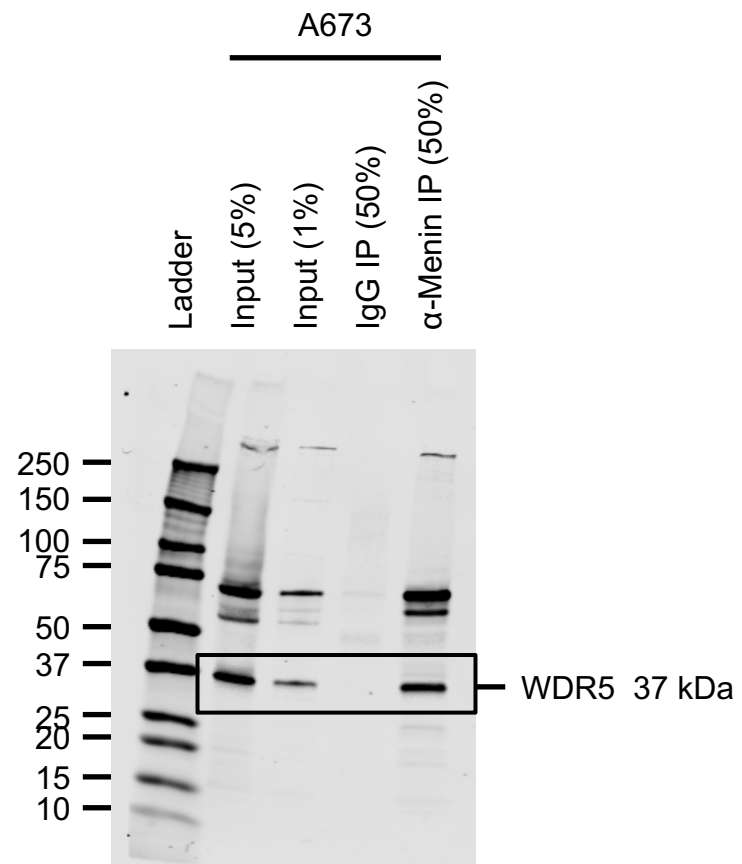
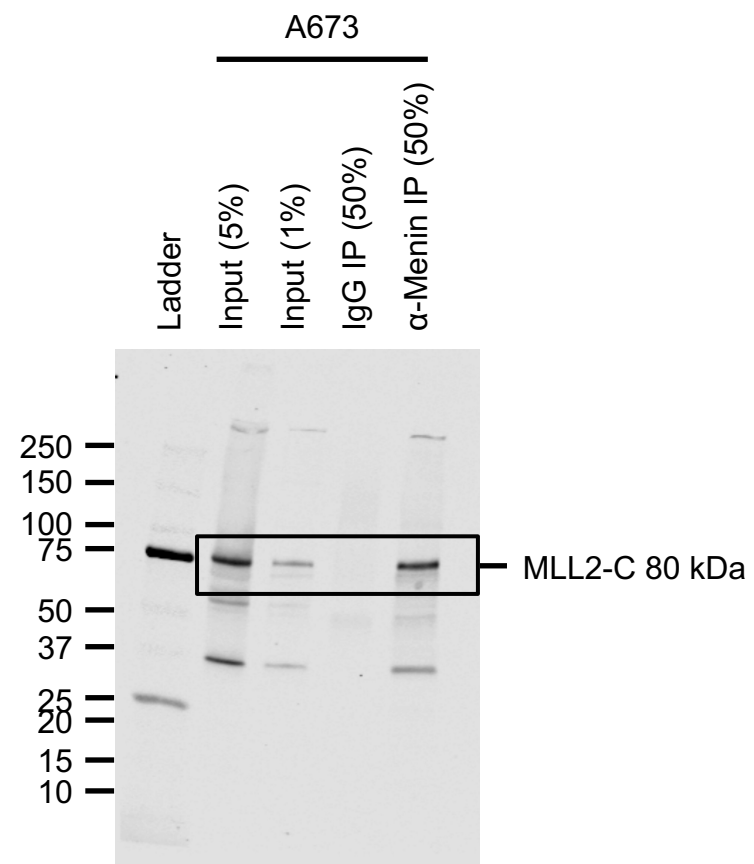
Probed sequentially –  $\alpha$ -MYC  $\rightarrow$   $\alpha$ -Vinculin

# Full unedited blot for Figure 5E – A673



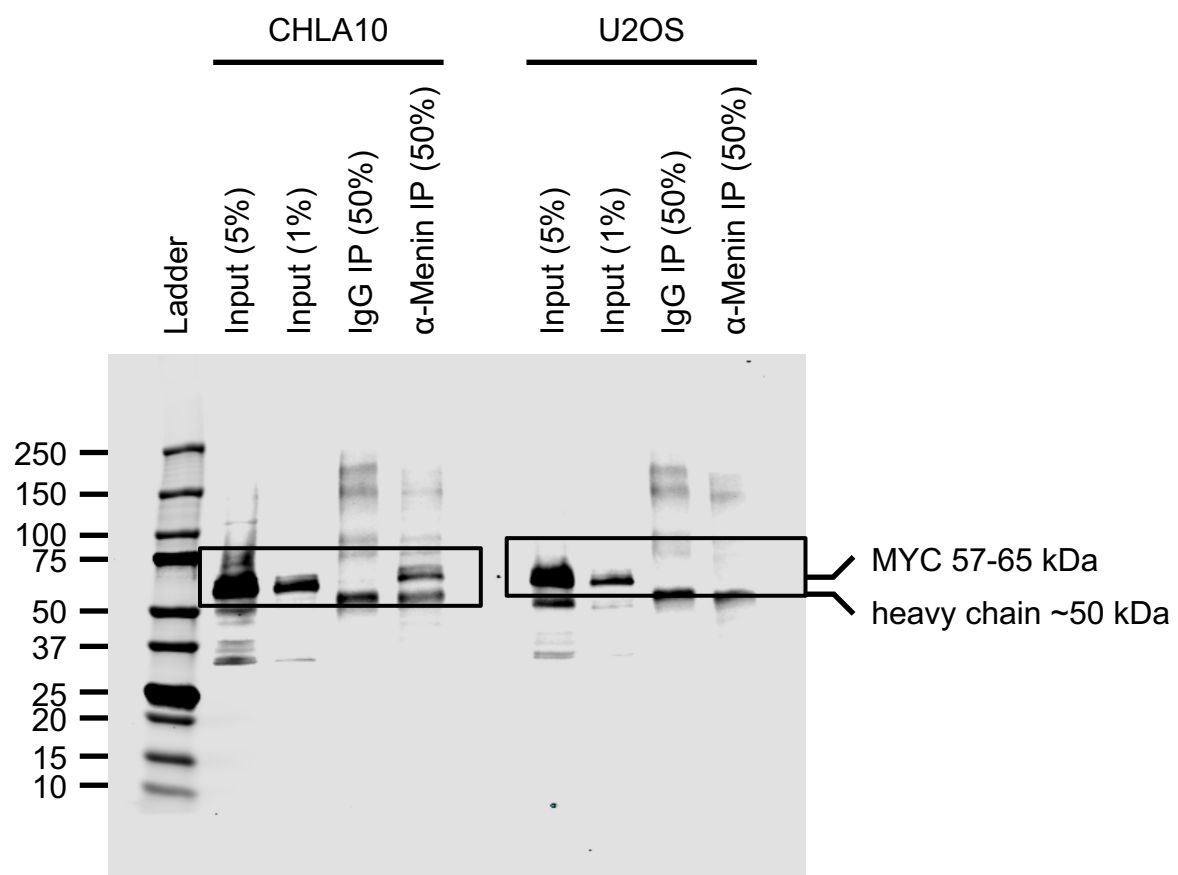
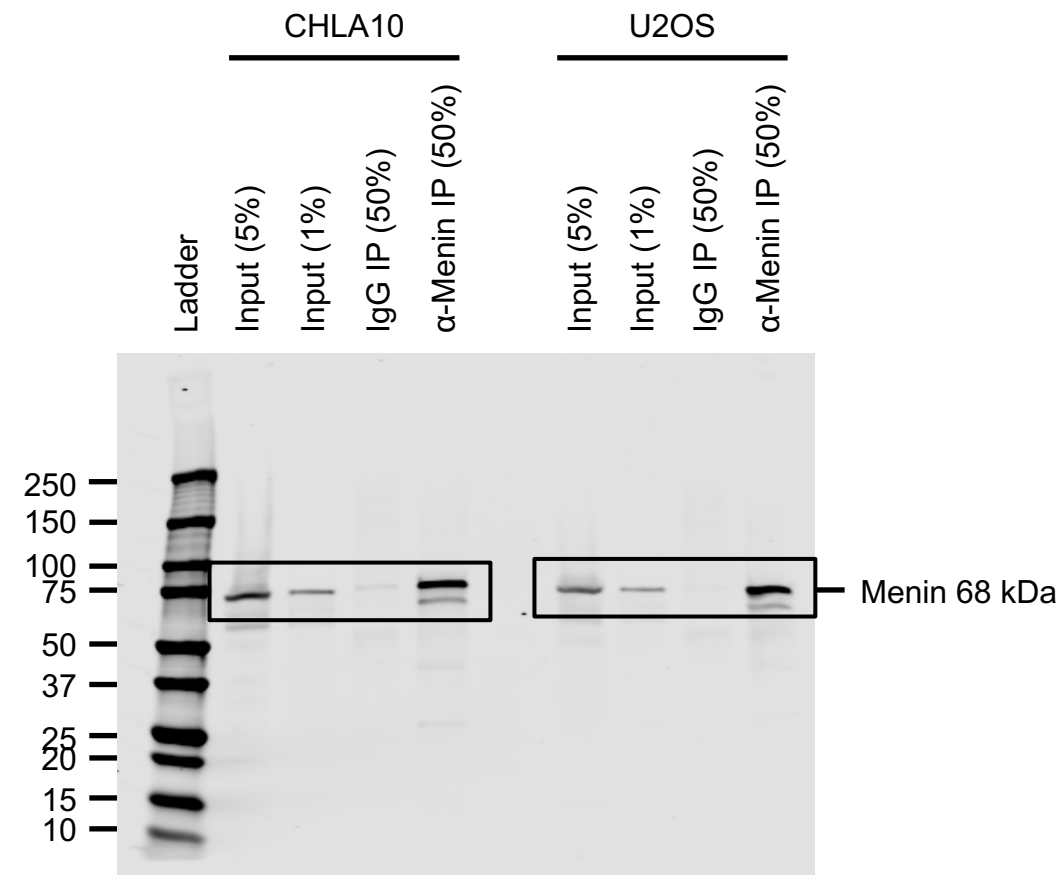
Probed sequentially –  $\alpha$ -MYC  $\rightarrow$   $\alpha$ -Menin

## Full unedited blot for Figure 5E – A673



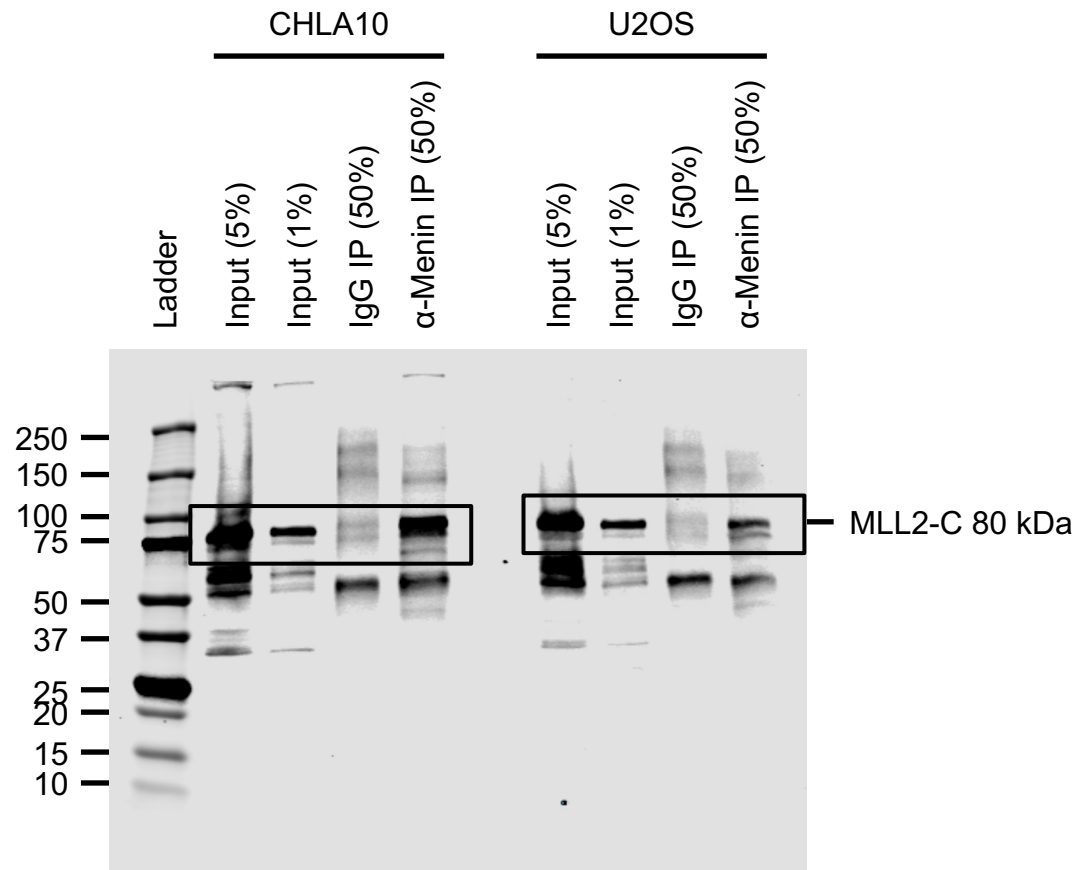
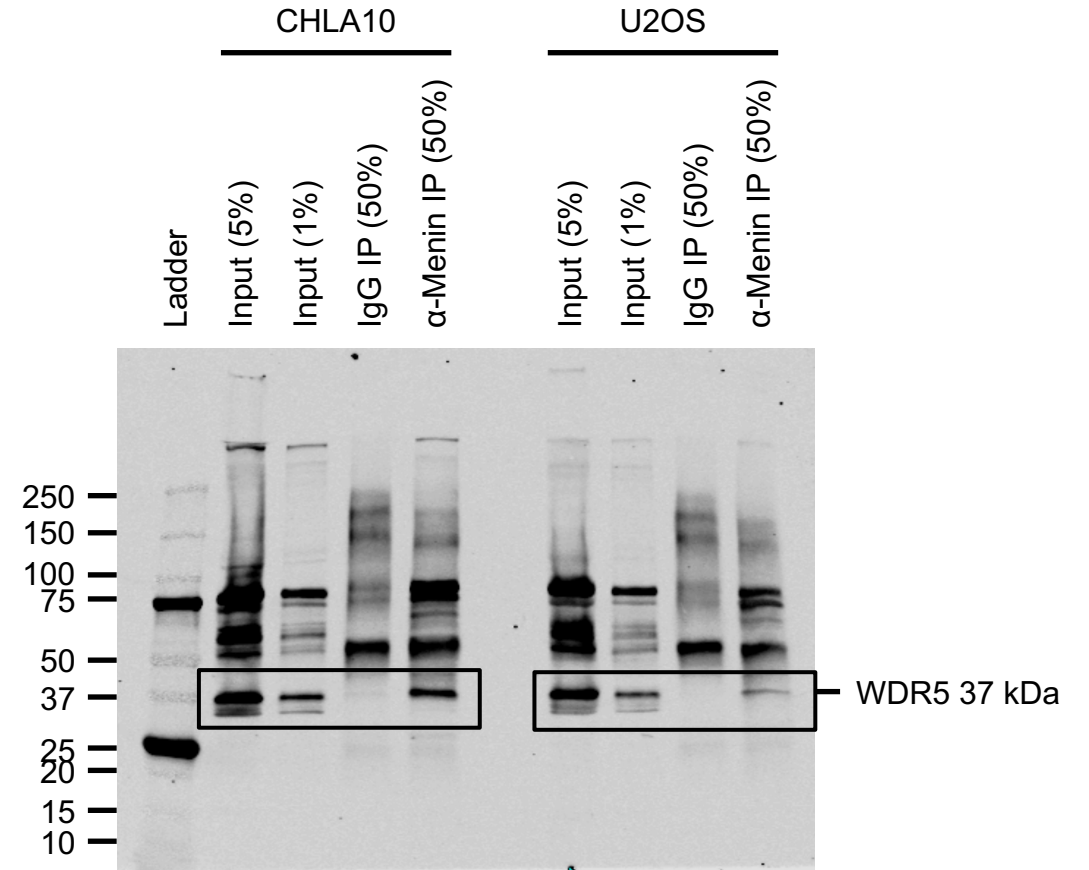
Probed sequentially –  $\alpha$ -MYC  $\rightarrow$   $\alpha$ -Menin  $\rightarrow$   $\alpha$ -WDR5  $\rightarrow$   $\alpha$ -MLL2-C

## Full unedited blot for Figure 5E – CHLA10 & U2OS



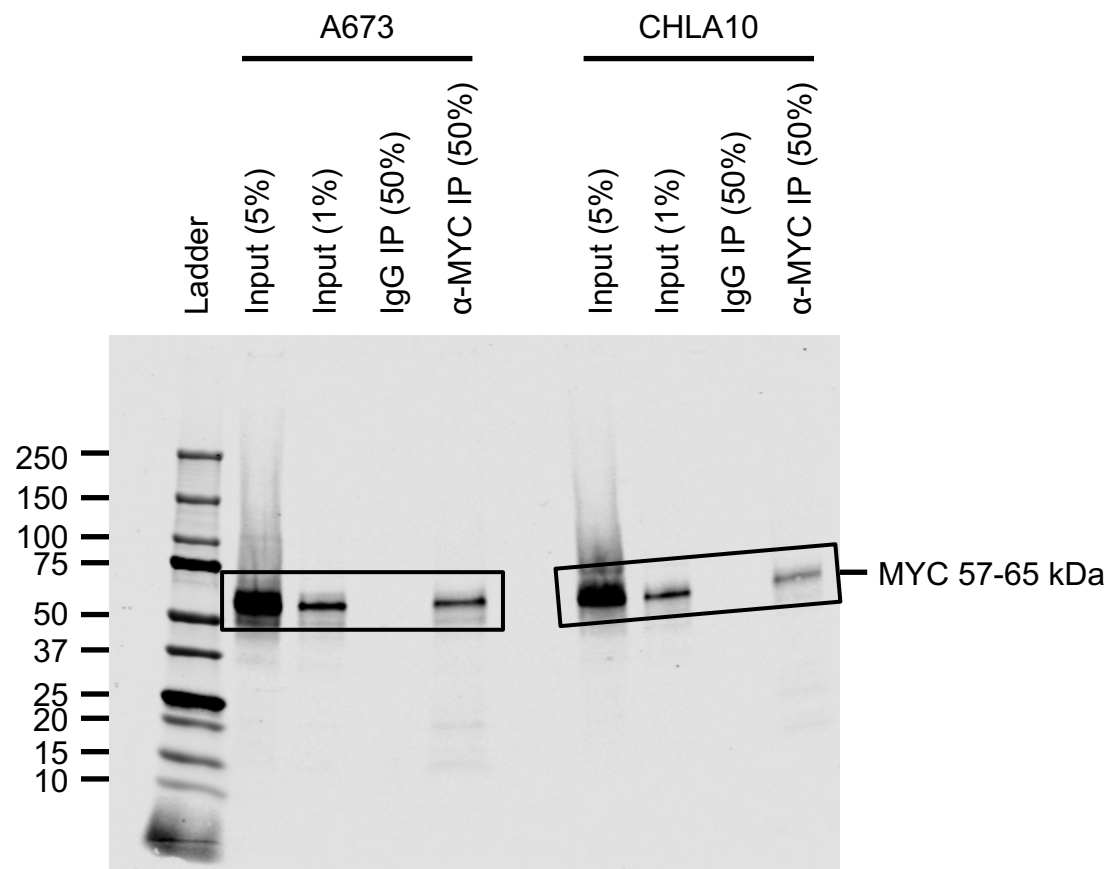
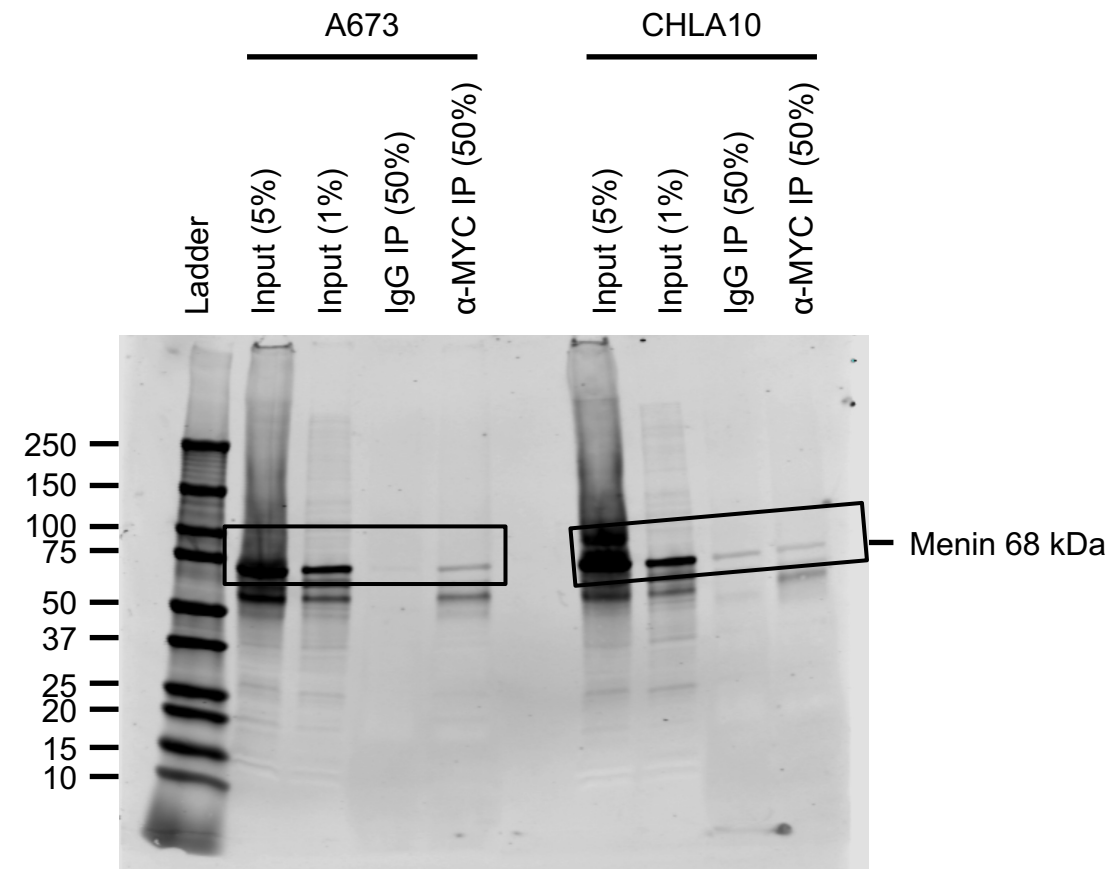
Probed sequentially – α-MYC -> α-Menin

## Full unedited blot for Figure 5E – CHLA10 & U2OS



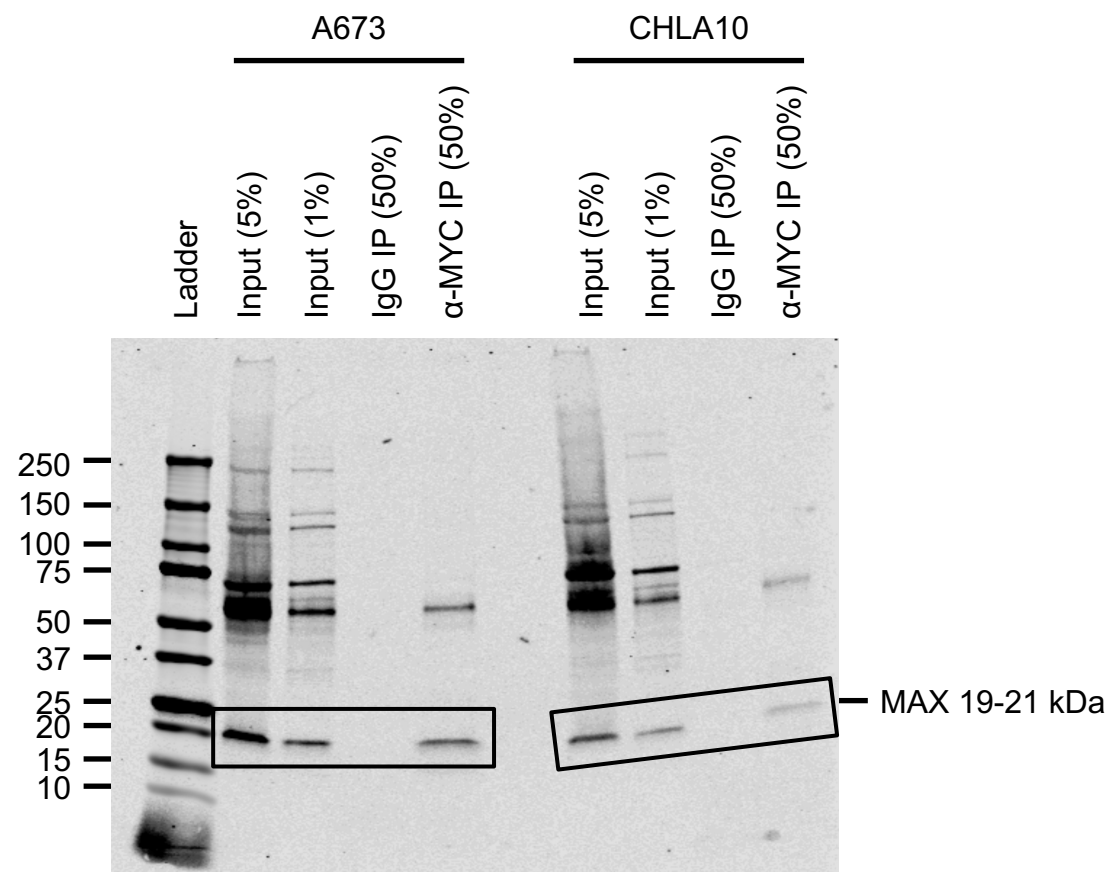
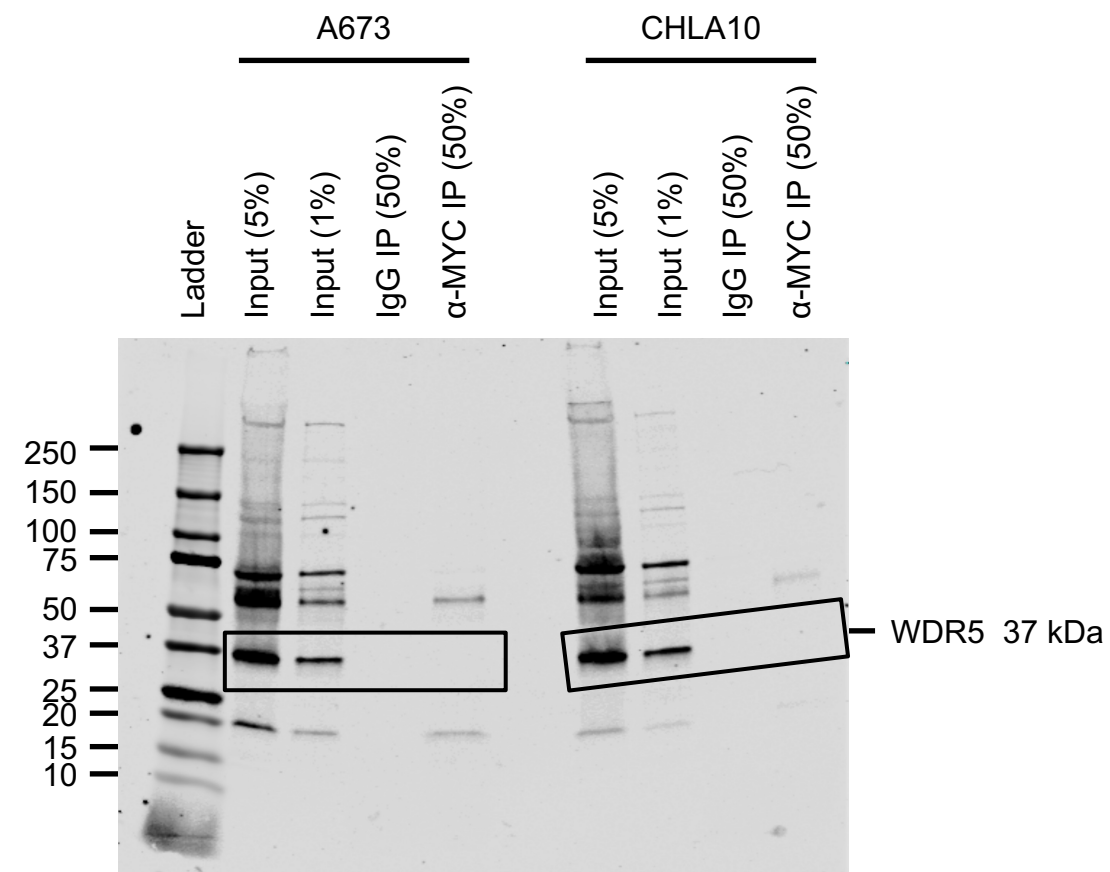
Probed sequentially – α-MYC -> α-Menin -> α-MLL2-C -> α-WDR5

# Full unedited blot for Figure 5F – A673 and CHLA10



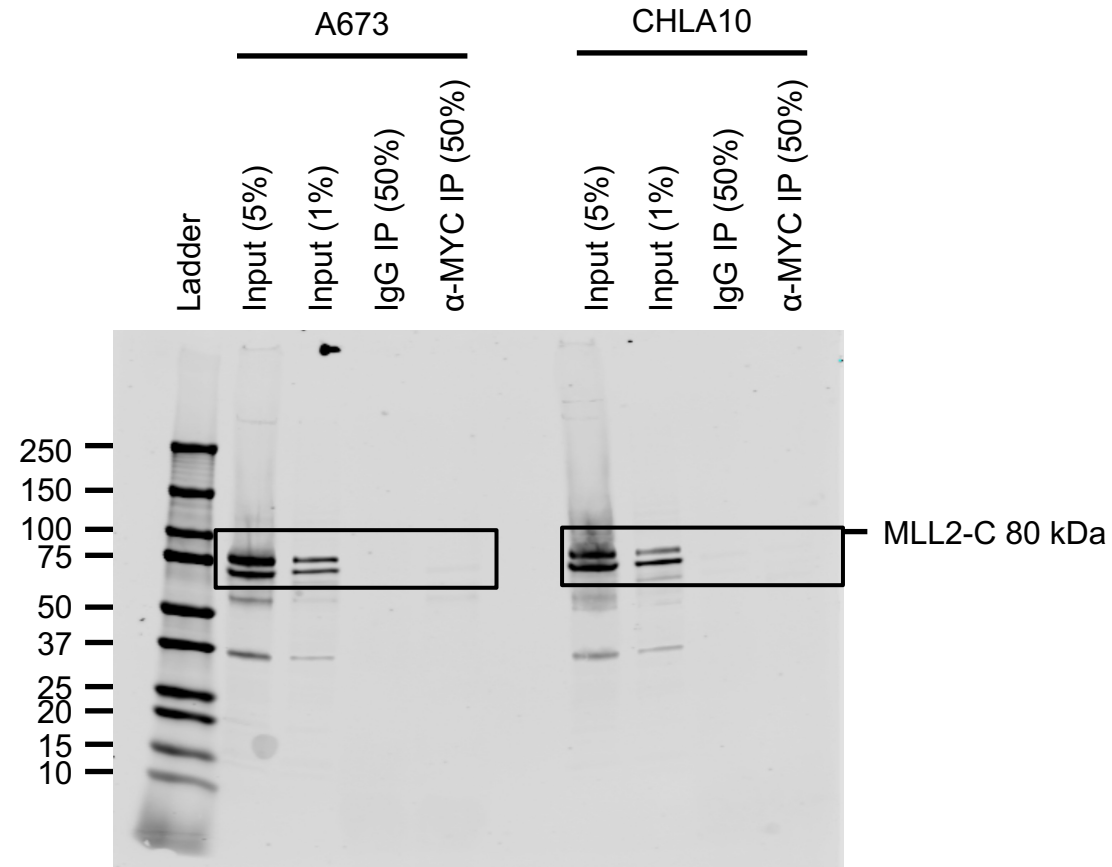
Probed sequentially –  $\alpha$ -MYC  $\rightarrow$   $\alpha$ -Menin

# Full unedited blot for Figure 5F – A673 and CHLA10



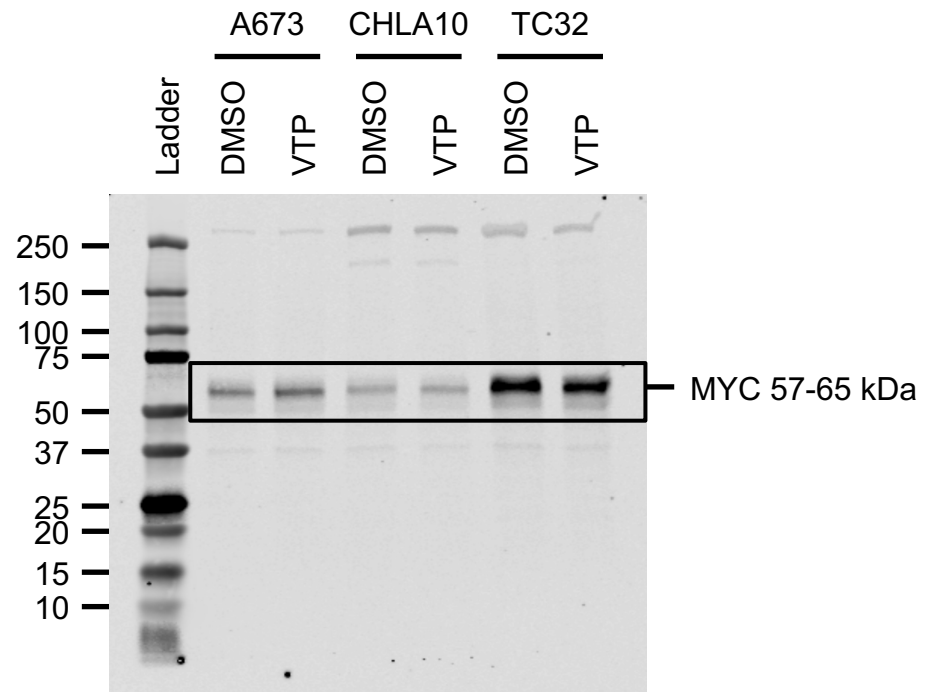
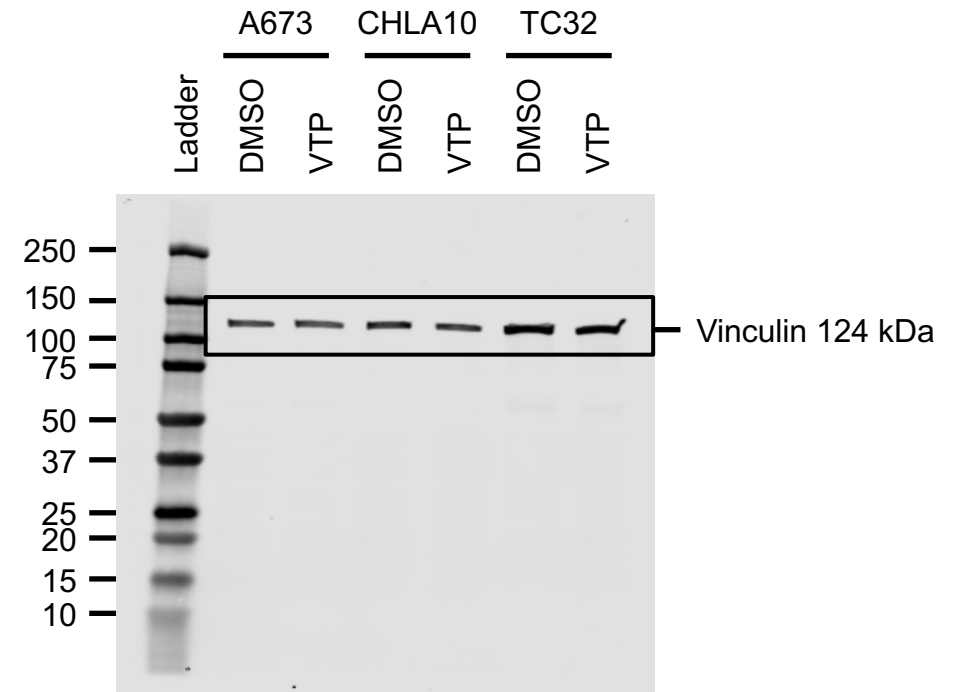
Probed sequentially –  $\alpha$ -MYC ->  $\alpha$ -Menin ->  $\alpha$ -MAX ->  $\alpha$ -WDR5

## Full unedited blot for Figure 5F – A673 and CHLA10



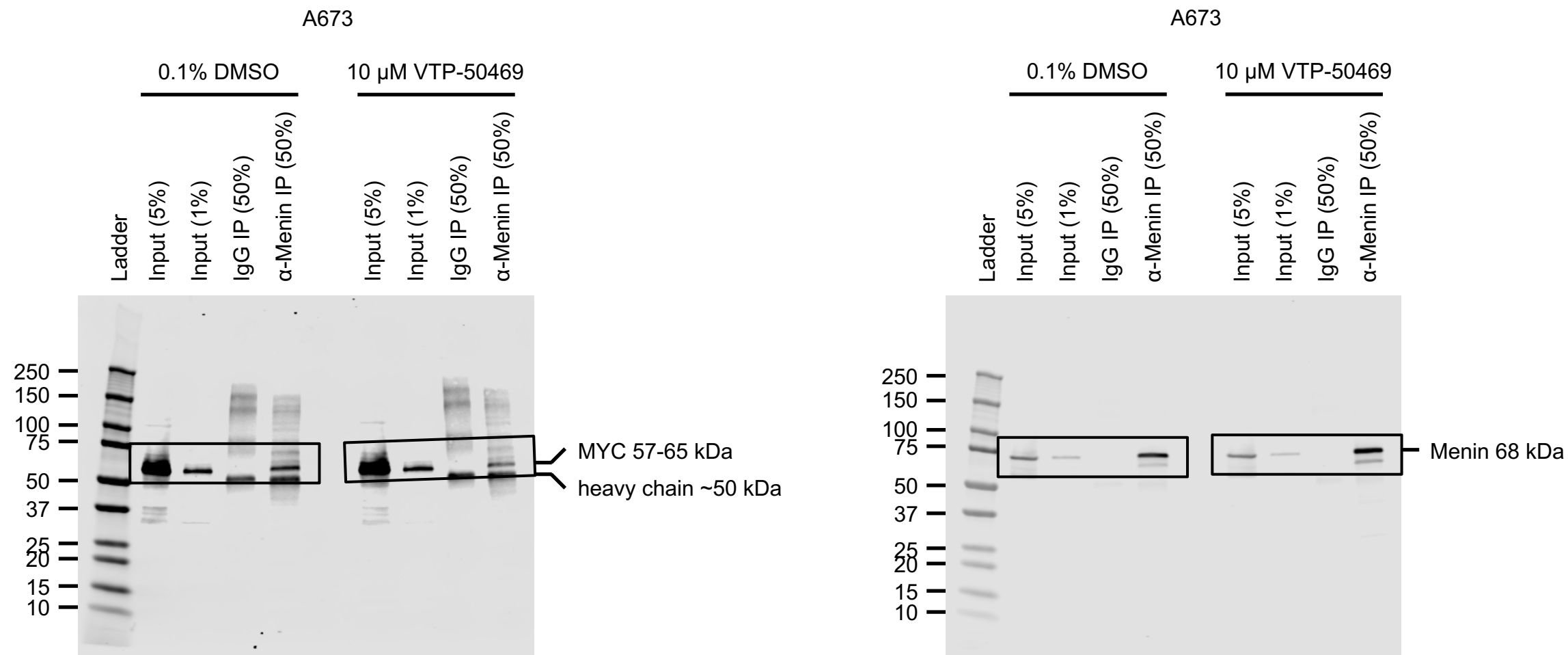
Probed sequentially –  $\alpha$ -MYC  $\rightarrow$   $\alpha$ -Menin  $\rightarrow$   $\alpha$ -MAX  $\rightarrow$   $\alpha$ -WDR5  $\rightarrow$  MLL2-C

## Full unedited blot for Figure 6F



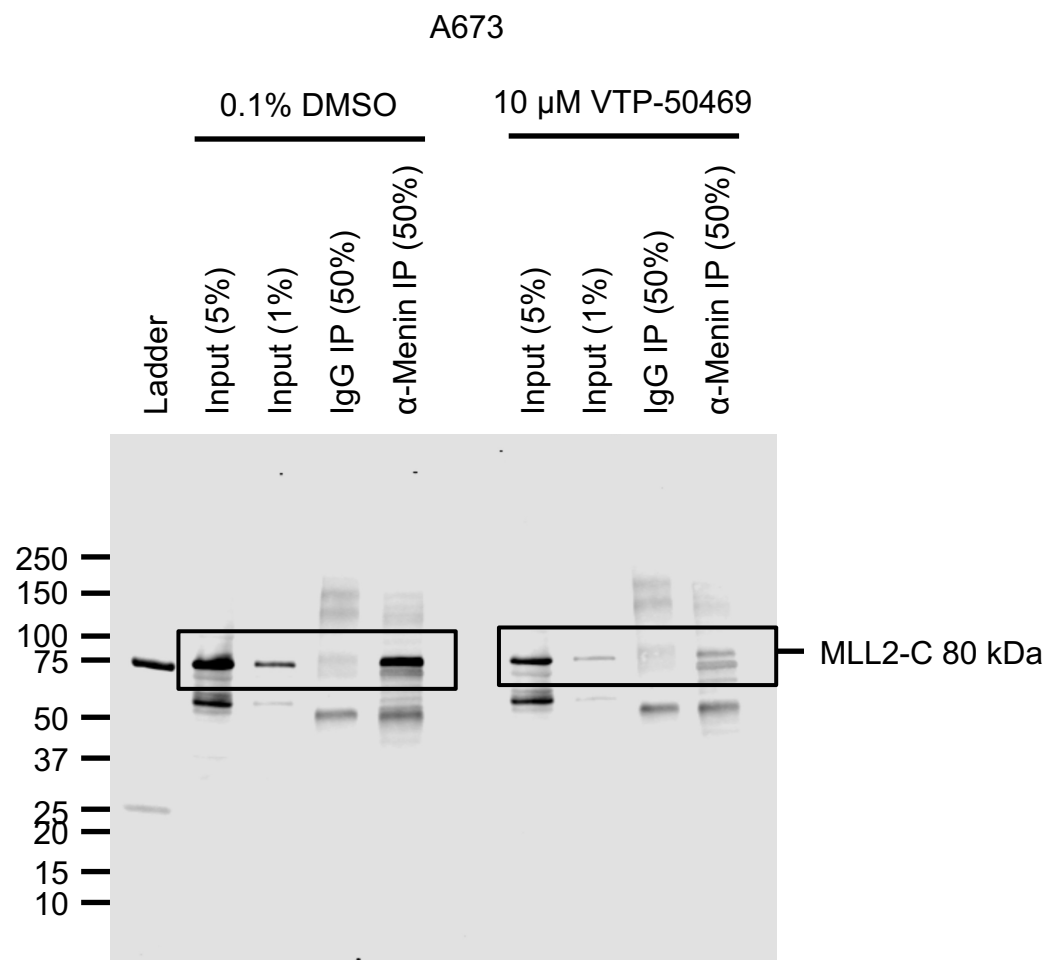
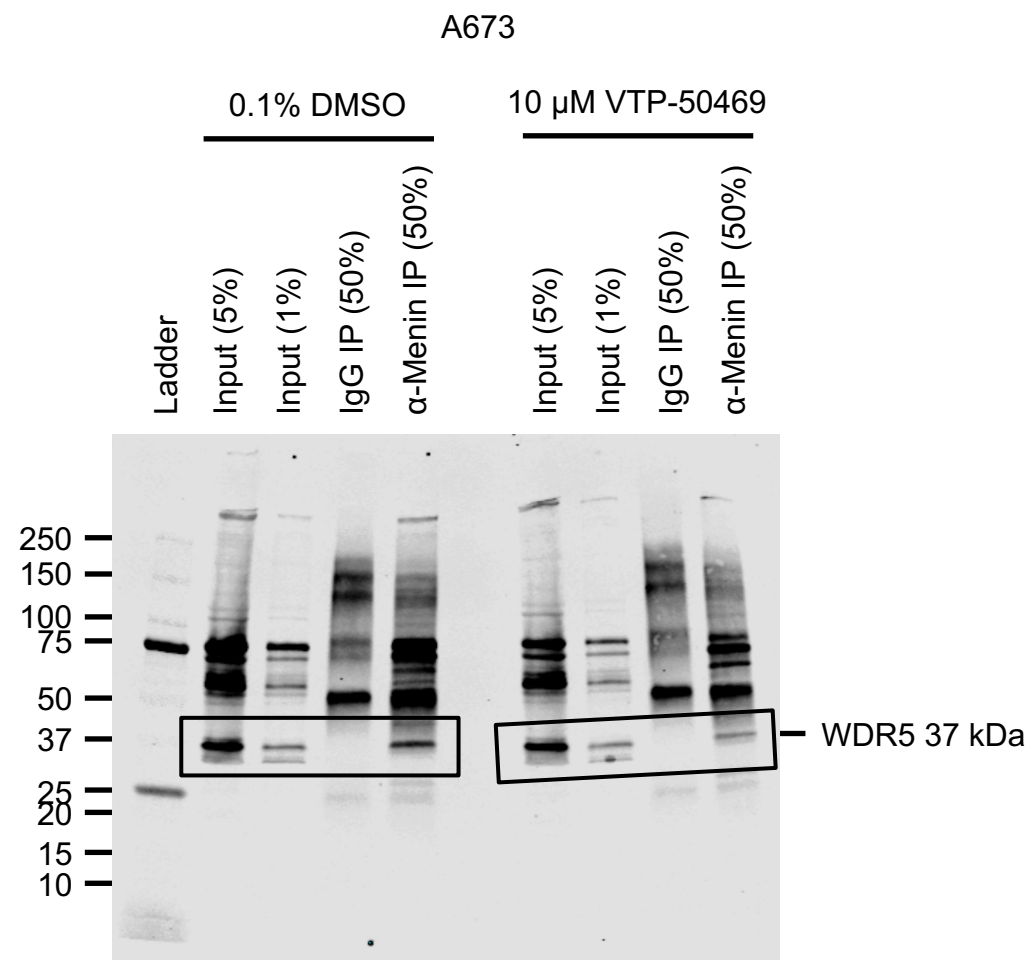
Probed sequentially –  $\alpha$ -MYC  $\rightarrow$   $\alpha$ -Vinculin

## Full unedited blot for Figure 6G – A673



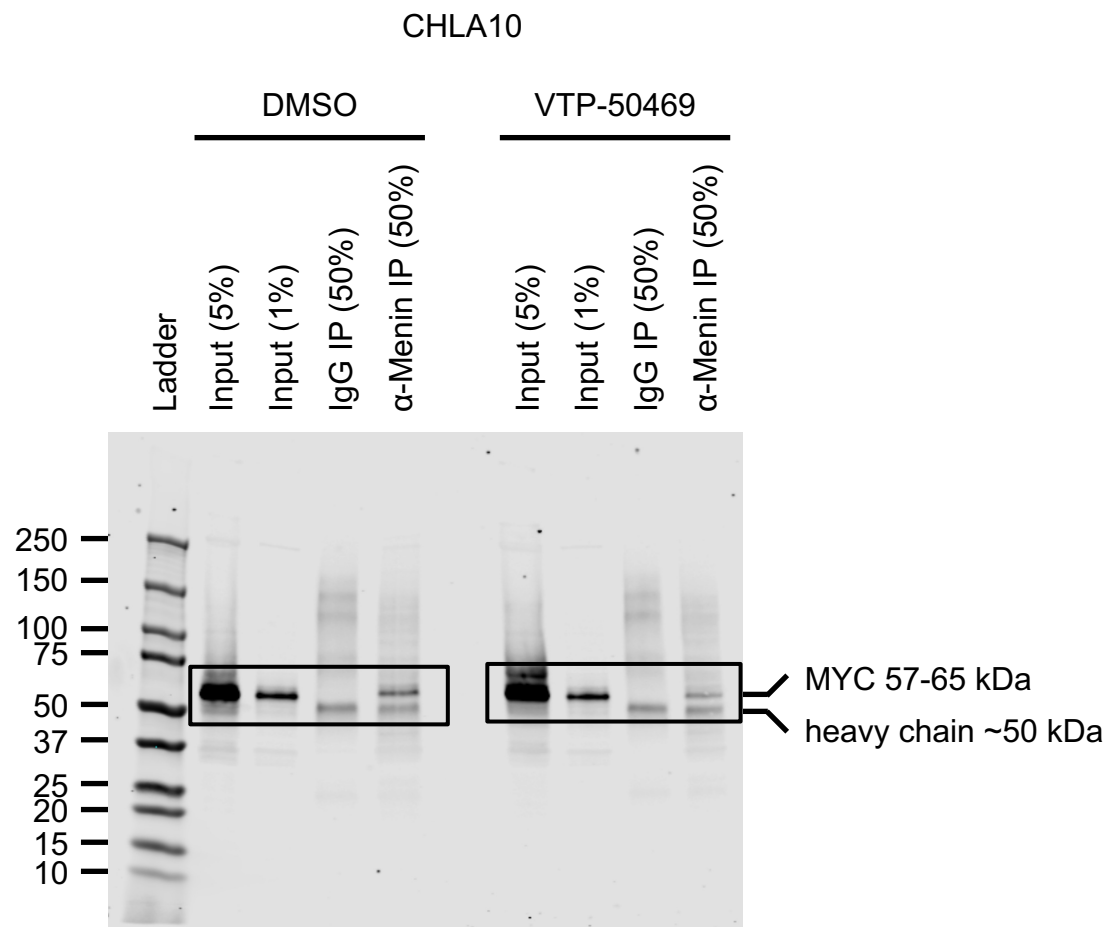
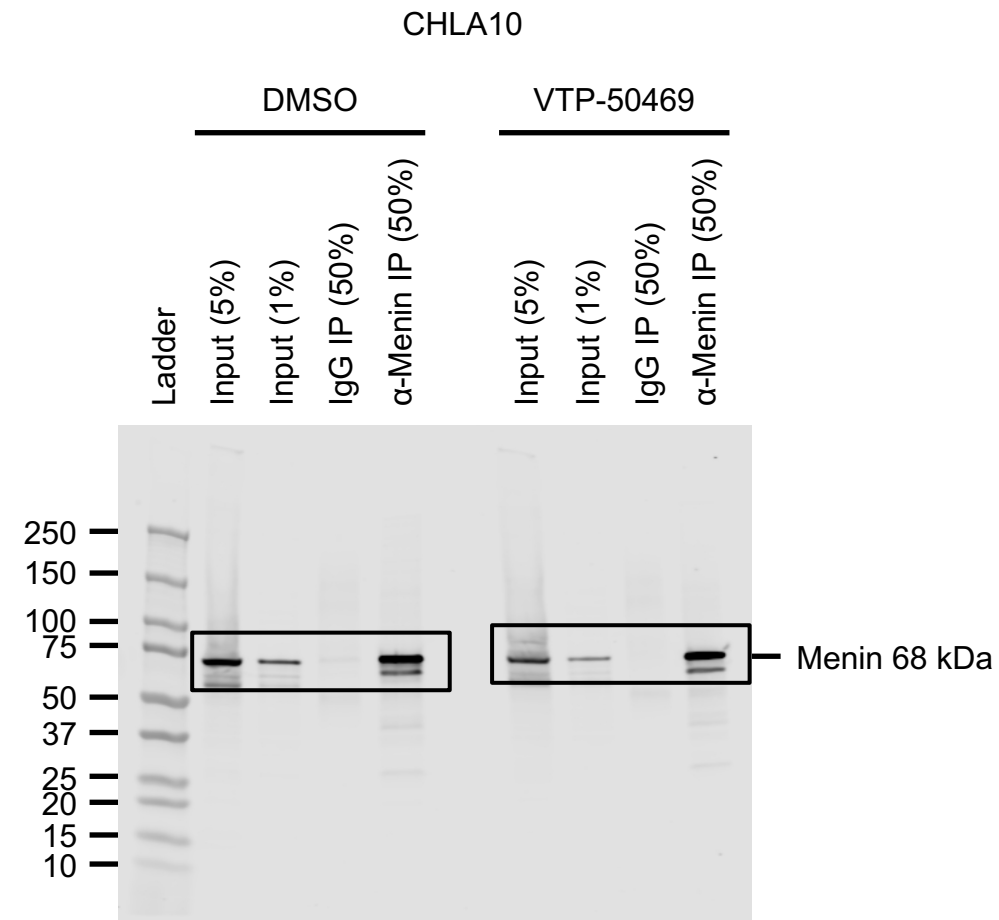
Probed sequentially –  $\alpha$ -MYC  $\rightarrow$   $\alpha$ -Menin

# Full unedited blot for Figure 6G – A673



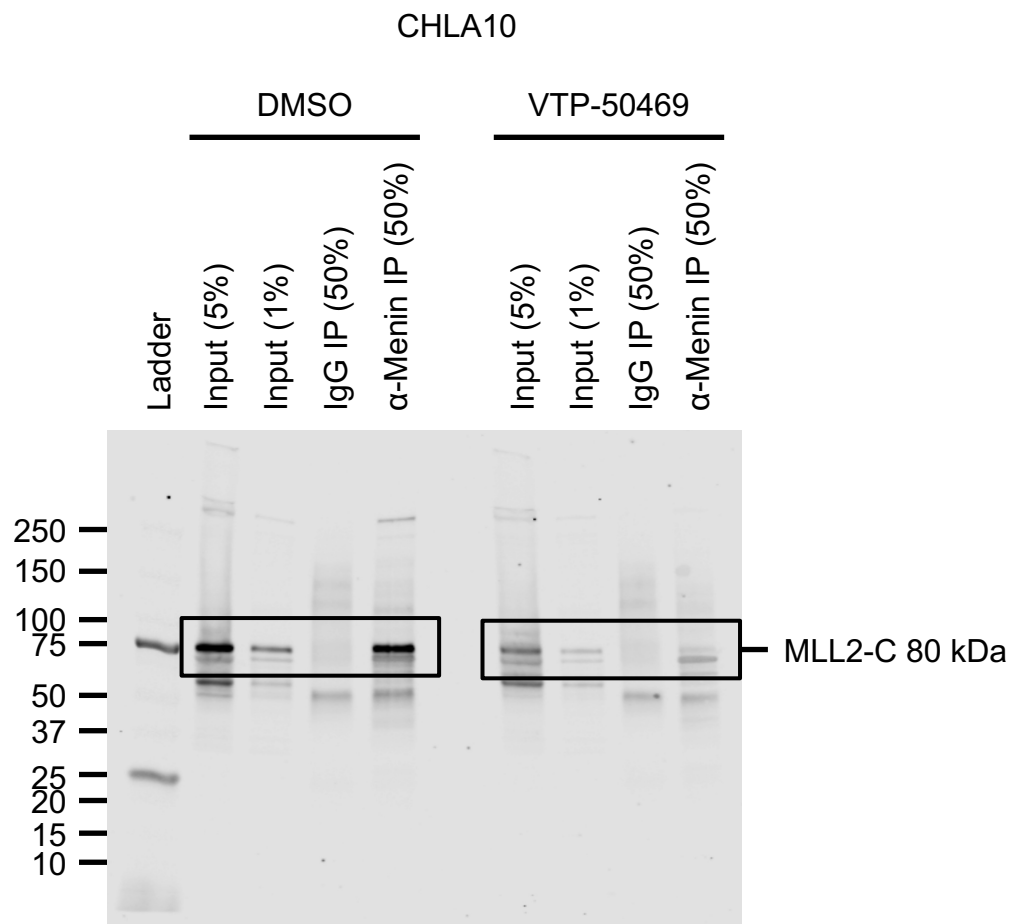
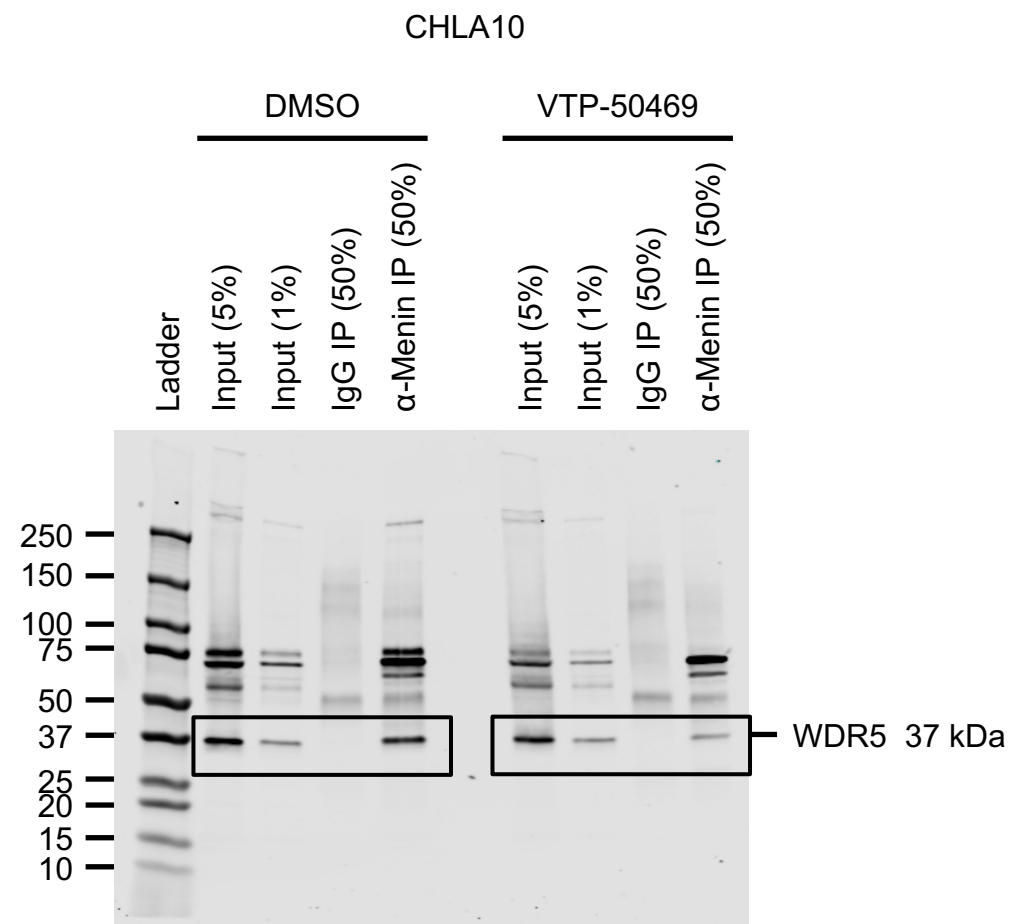
Probed sequentially –  $\alpha$ -MYC ->  $\alpha$ -Menin ->  $\alpha$ -MLL2-C ->  $\alpha$ -WDR5

## Full unedited blot for Figure 6G – CHLA10



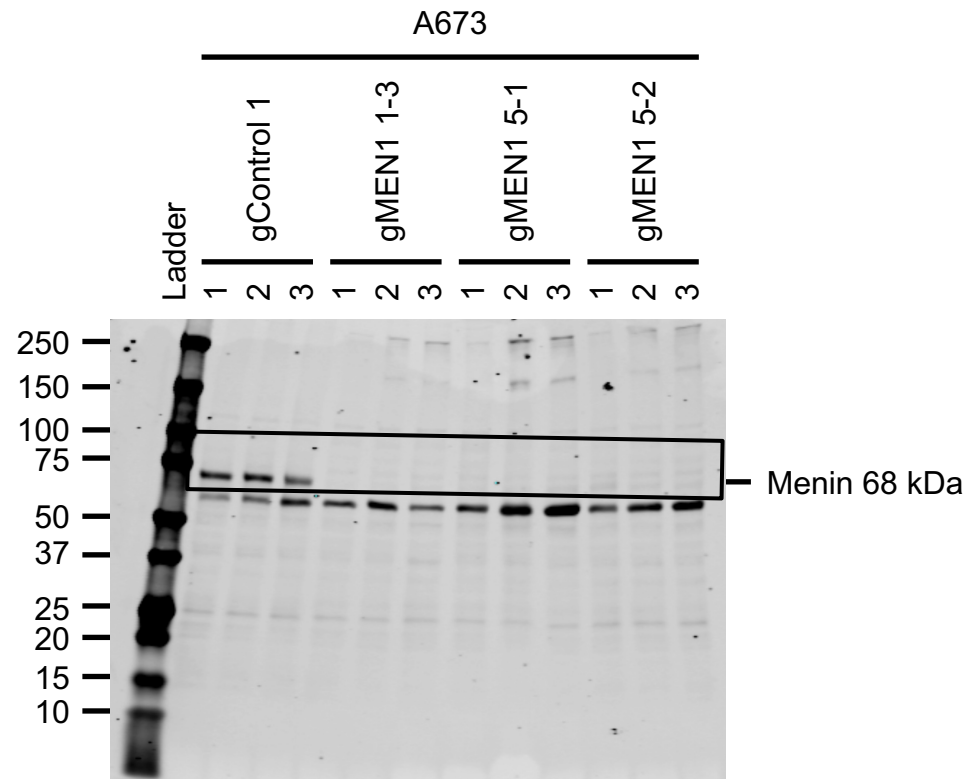
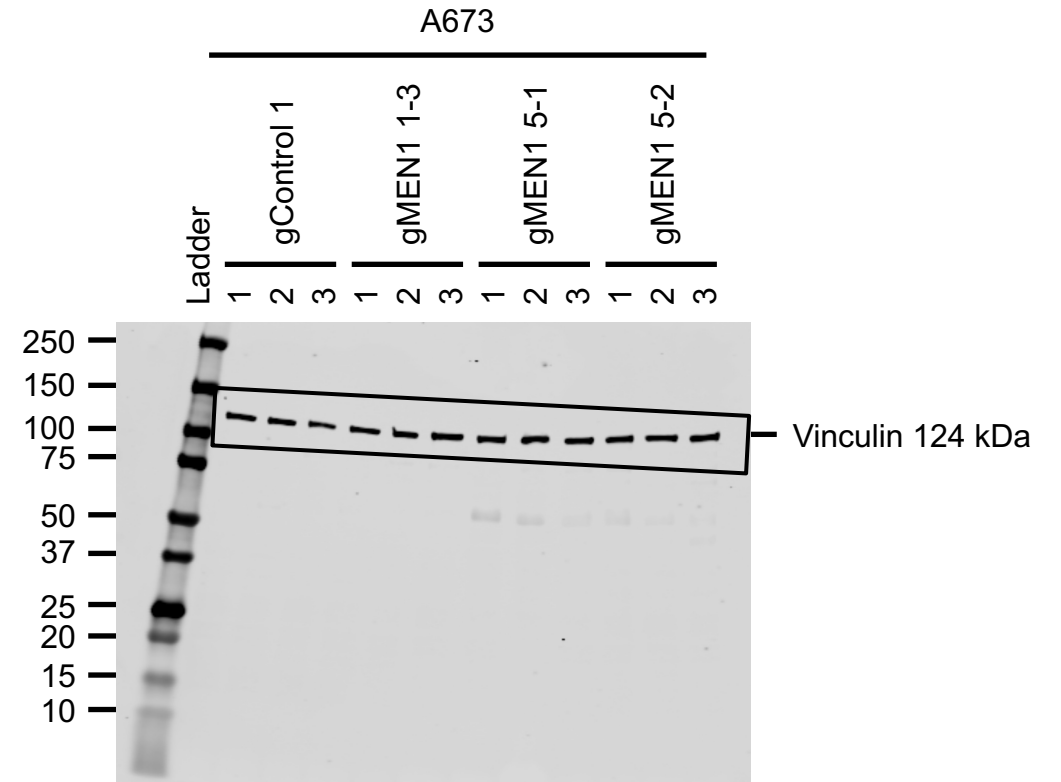
Probed sequentially –  $\alpha$ -MYC  $\rightarrow$   $\alpha$ -Menin

## Full unedited blot for Figure 6G – CHLA10



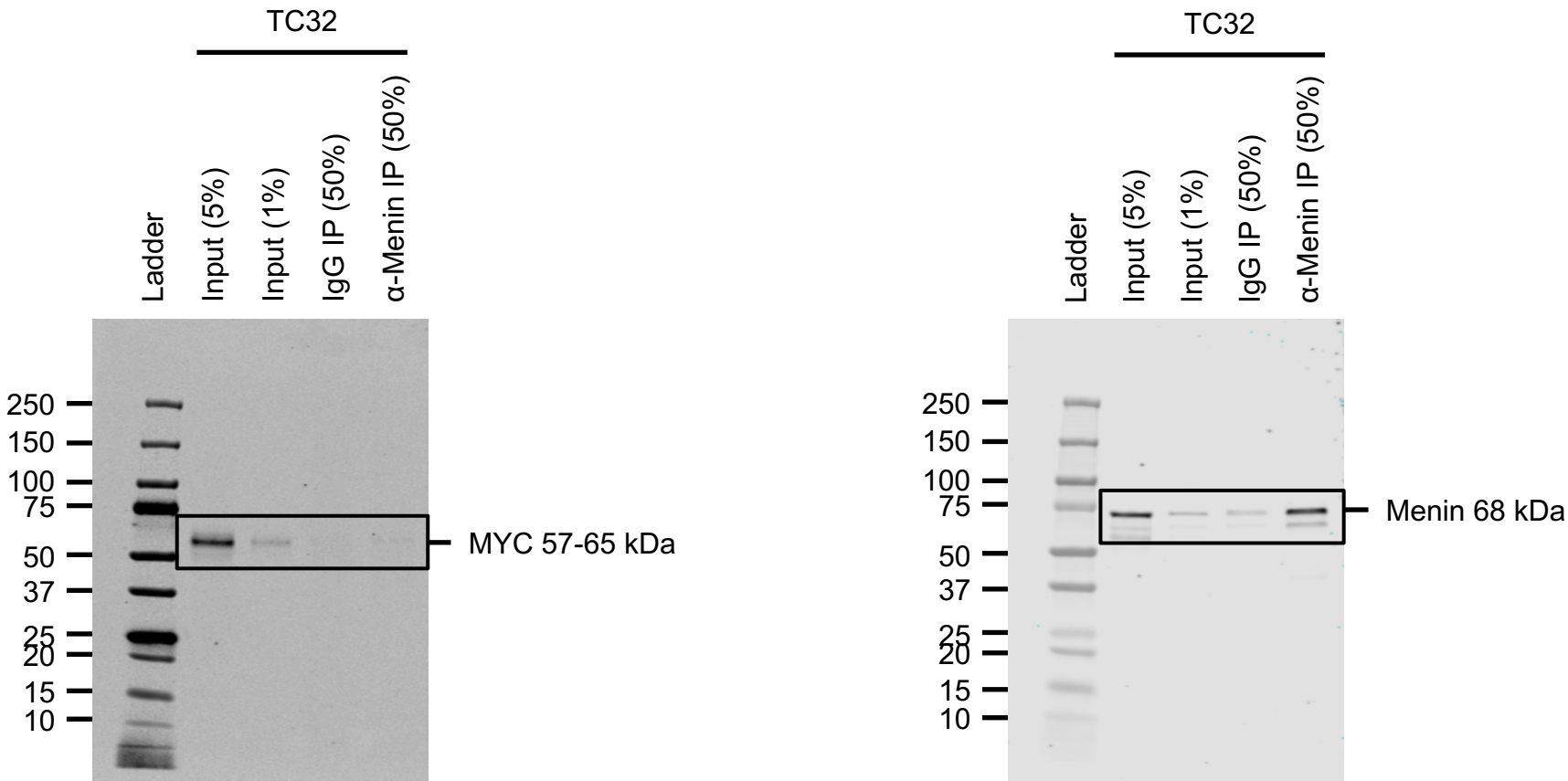
Probed sequentially – α-MYC -> α-Menin -> α-MLL2-C -> α-WDR5

## Full unedited blot for Supplemental Figure 2



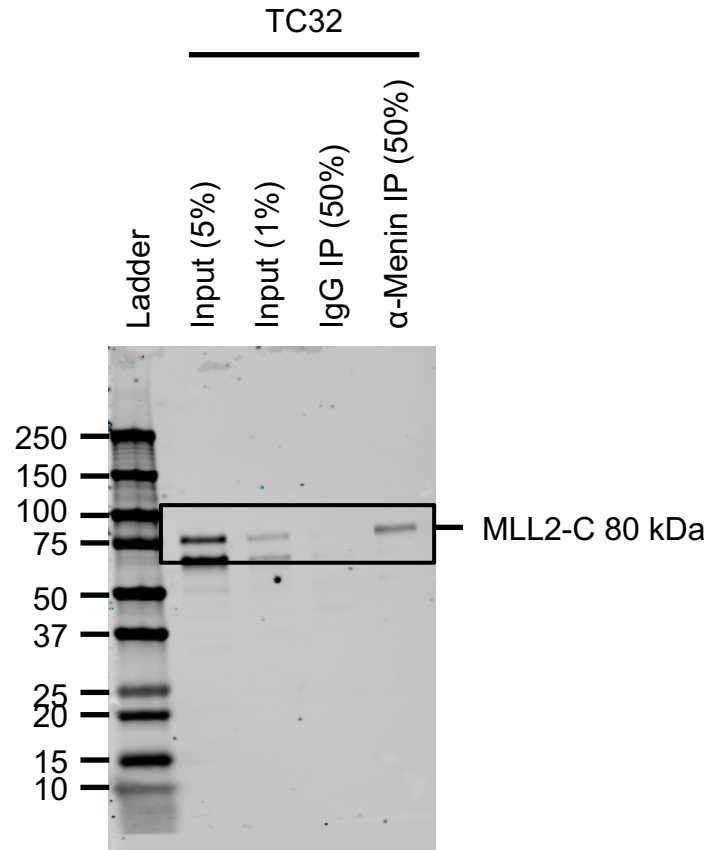
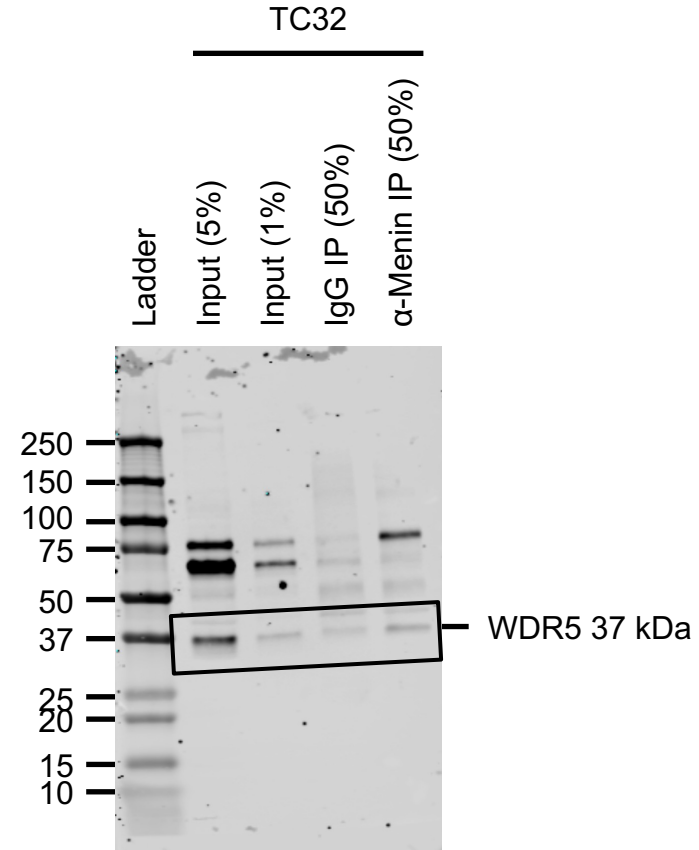
Probed sequentially –  $\alpha$ -Menin  $\rightarrow$   $\alpha$ -Vinculin

Full unedited blot for Supplemental Figure 3



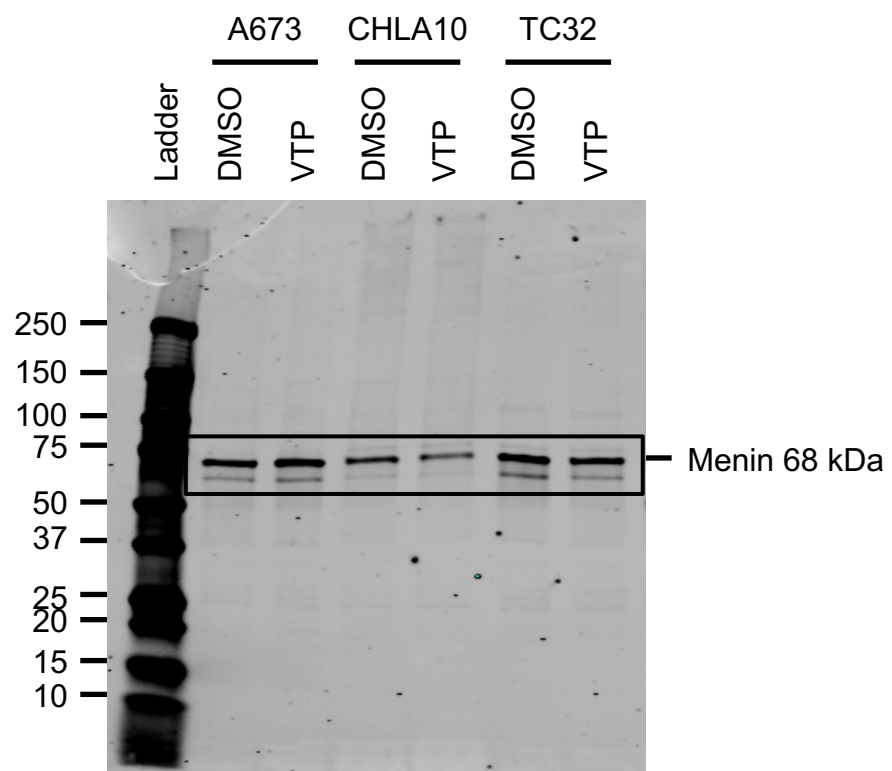
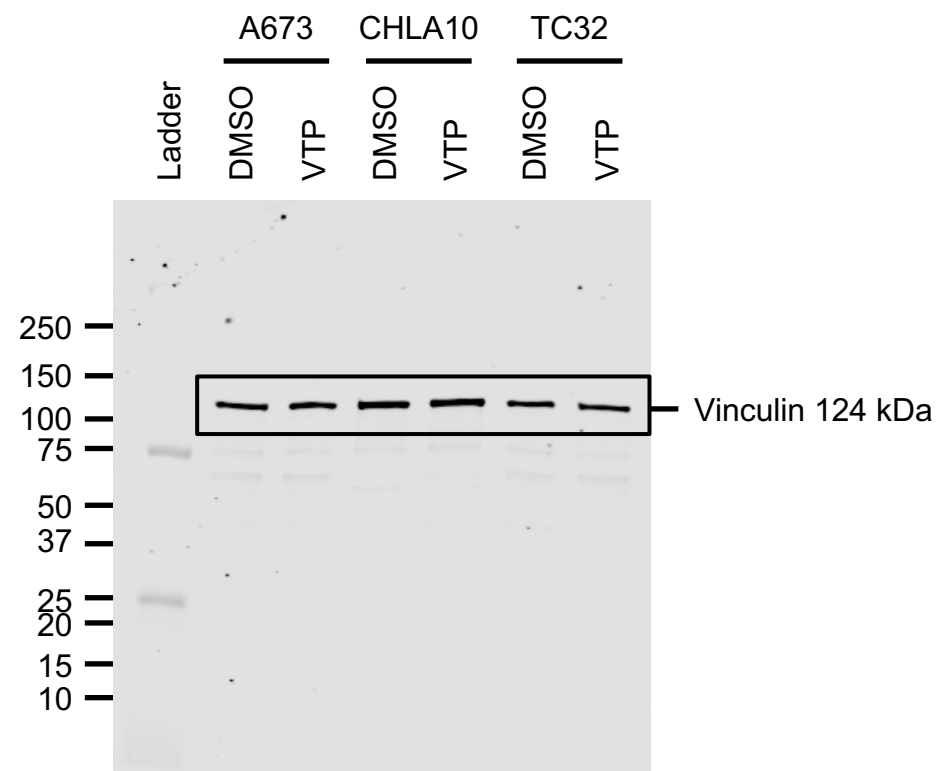
Probed sequentially – α-MYC -> α-Menin

# Full unedited blot for Supplemental Figure 3



Probed sequentially –  $\alpha$ -MLL2-C ->  $\alpha$ -WDR5

## Full unedited blot for Supplemental Figure 4B



Probed sequentially –  $\alpha$ -Menin  $\rightarrow$   $\alpha$ -Vinculin