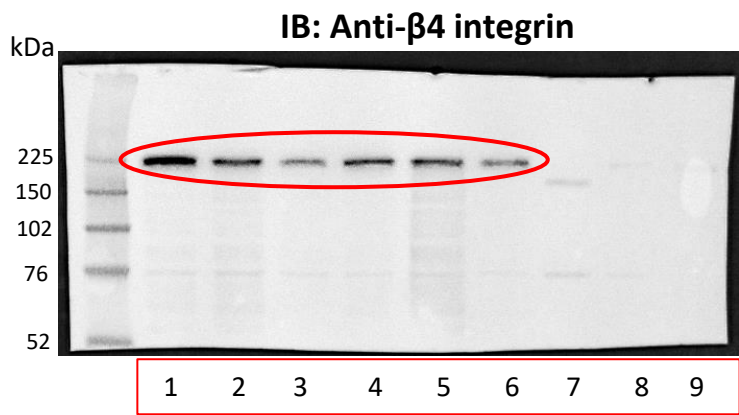
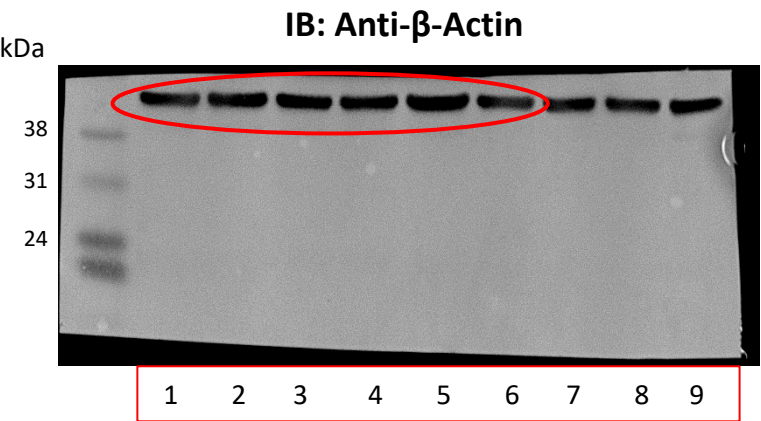
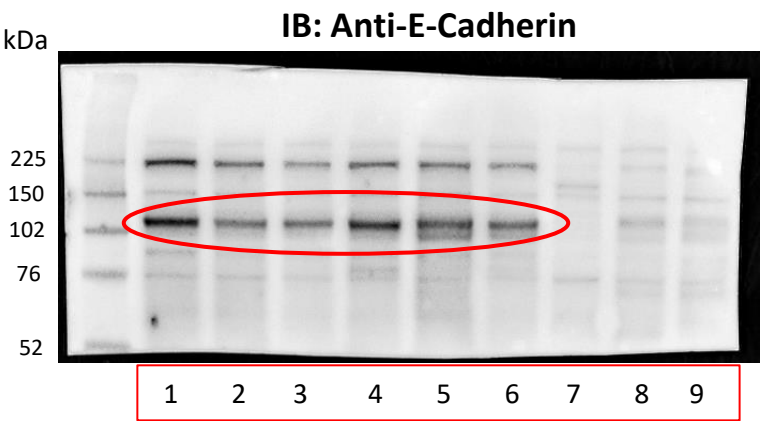
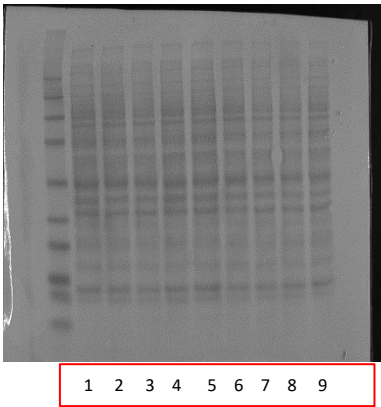


Uncropped gels for Fig. 3B

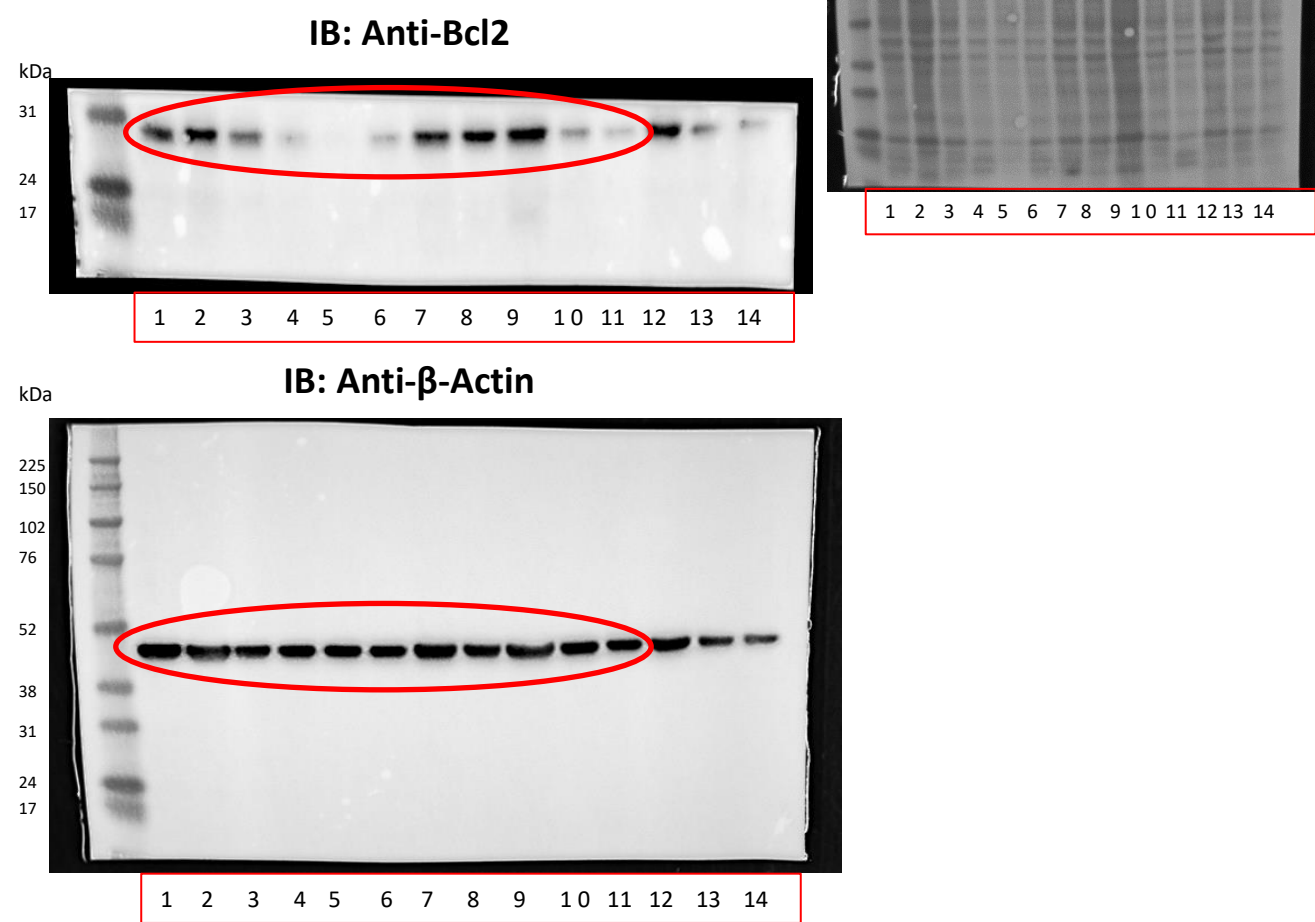


Red Ponceau



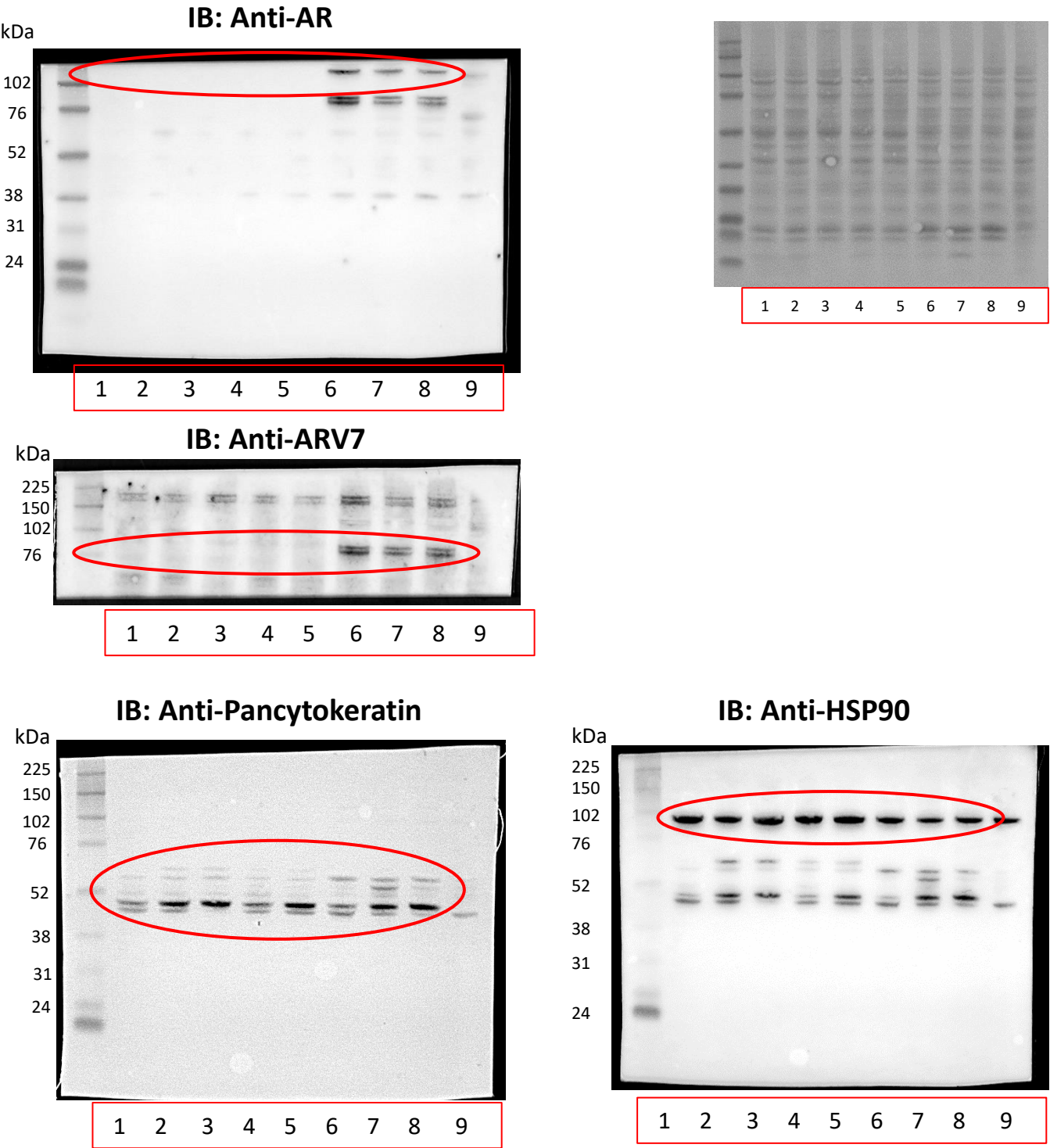
Uncut gels related to WB depicted in Figure 3B. Whole membrane blot of western blotting analysis (4-12 % gel) related to $\beta 4$ integrin, E-cadherin in PC3 cells (lanes 1-6) total lysates. Lane 1-2-3 show H19 silenced cells transfected with NC1 (scramble control), siKDM6A and siKDM6B, respectively; lanes 4-5-6 show Vector cells transfected with NC1 (scramble control), siKDM6A and siKDM6B, respectively. Upper panel shows the immunoblot for $\beta 4$ integrin. Middle panel shows the immunoblot for E-cadherin. Lower panel shows the immunoblot for β -Actin used as loading control. Images of selected portions shown in the original Figure 3B are highlighted in red. Upper right panel shows the Red Ponceau of membrane blot.

Uncropped gels for Fig. 4F



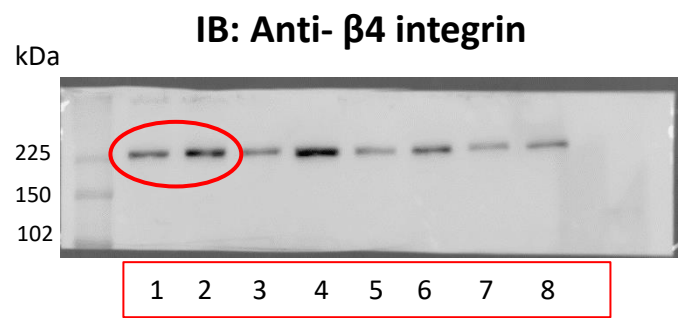
Uncut gels related to WB depicted in Figure 4F . Whole membrane blot of western blotting analysis (4-12% gel) related to Bcl2 in tumor xenograft samples. Lanes 1-3 show vector +DMSO; lanes 4-6 show vector+GSK-J4; lanes 7-9 show siH19+DMSO and lanes 10-11 show siH19+GSK-J4. Upper panel shows the immunoblot for Bcl2. Lower panel shows the immunoblot for β -Actin used as loading control. Images of selected portions shown in the original Figure 4F are highlighted in red. Upper right panel shows the Red Ponceau of membrane blot.

Uncropped gels for Fig. S1A

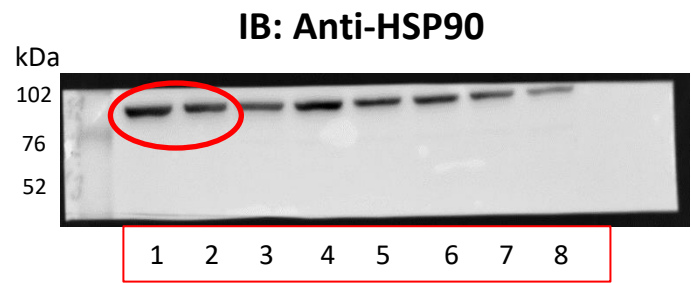
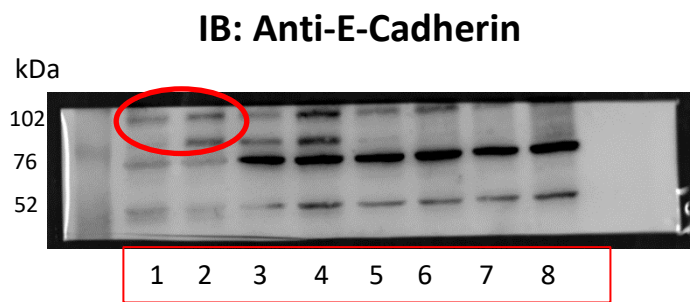
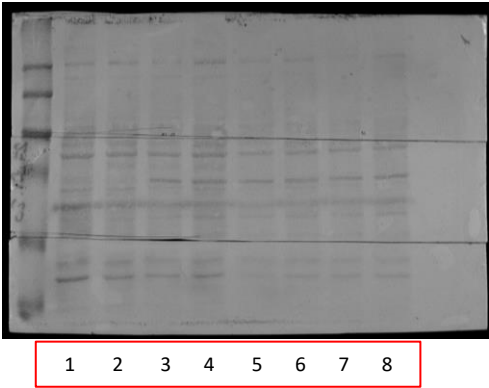


Uncut gels related to WB depicted in Figure S1 panel A. Whole membrane blot of western blotting analysis (4-12% gel) related to AR, AR-V7 and Pancytokeratin in PC3 (lanes 1-5) and 22rv1 (lanes 6-8) cells total lysates. Upper panel shows the immunoblot for AR. Middle panel shows the immunoblot for AR-V7. Lower-left panel shows the immunoblot for Pancytokeratin. Lower-right panel shows the immunoblot for HSP90 used as loading control. Images of selected portions shown in the original Figure S1A are highlighted in red. Upper right panel shows the Red Ponceau of membrane blot.

Uncropped gels for Fig. S2B, left

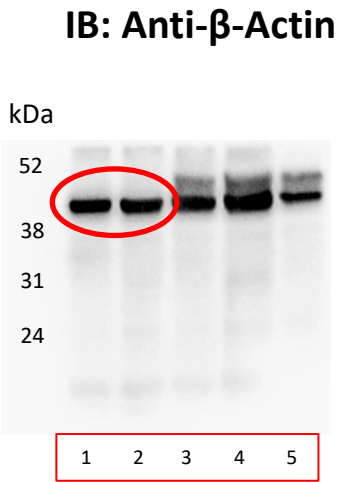
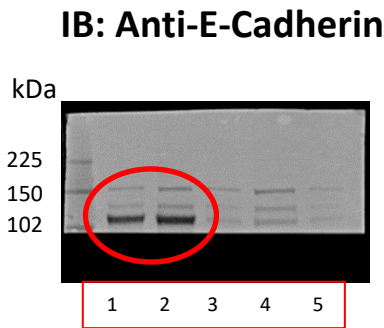
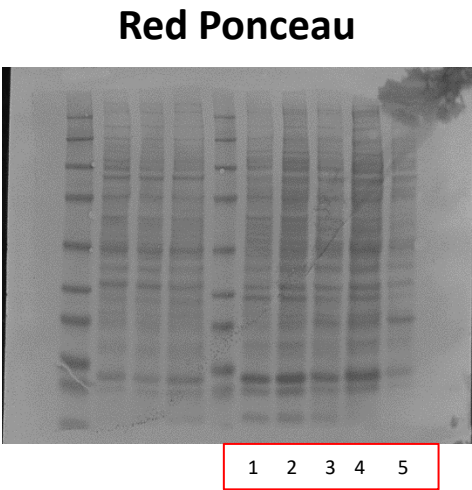
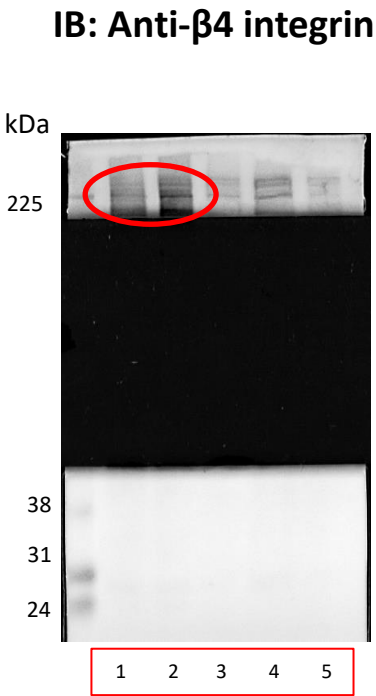


Red Ponceau



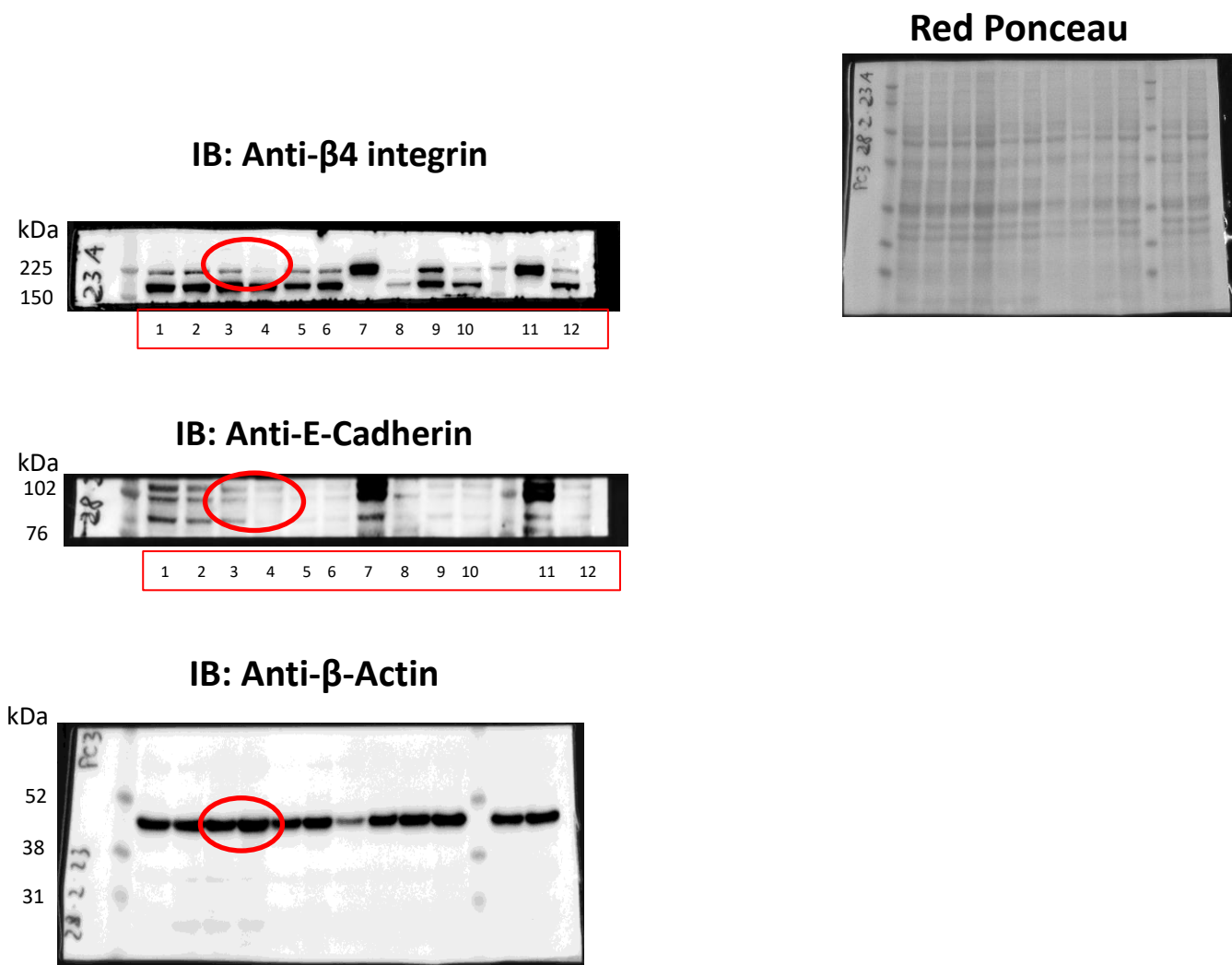
Uncut gels related to WB depicted in Figure S2 panel B, left. Whole membrane blot of western blotting analysis (7,5% gel) related to β 4 integrin and E-cadherin in PC3 cells (lanes 1-2) total lysates. Lane 1 shows cells transfected with NC1, scramble control; lane 2 shows cells transfected with H19 siRNA. Upper panel shows the immunoblot for β 4 integrin. Middle panel shows the immunoblot for E-cadherin. Lower panel shows the immunoblot for HSP90 used as loading control. Images of selected portions shown in the original Figure S2B are highlighted in red. Upper right panel shows the Red Ponceau of membrane blot.

Uncropped gels for Fig. S2B, right



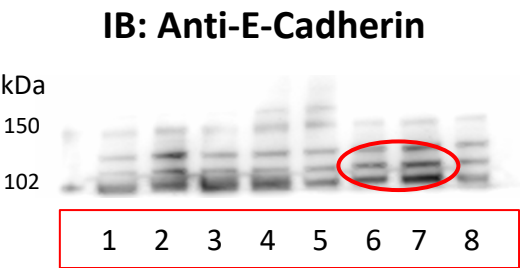
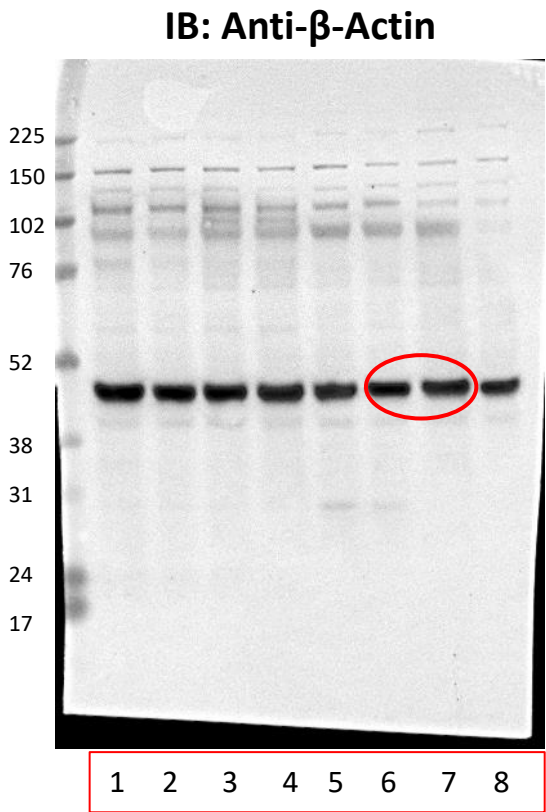
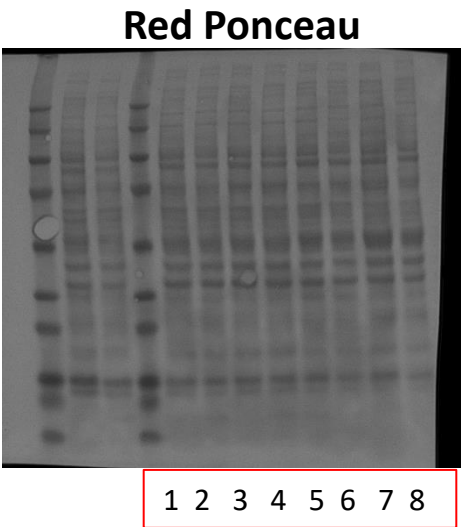
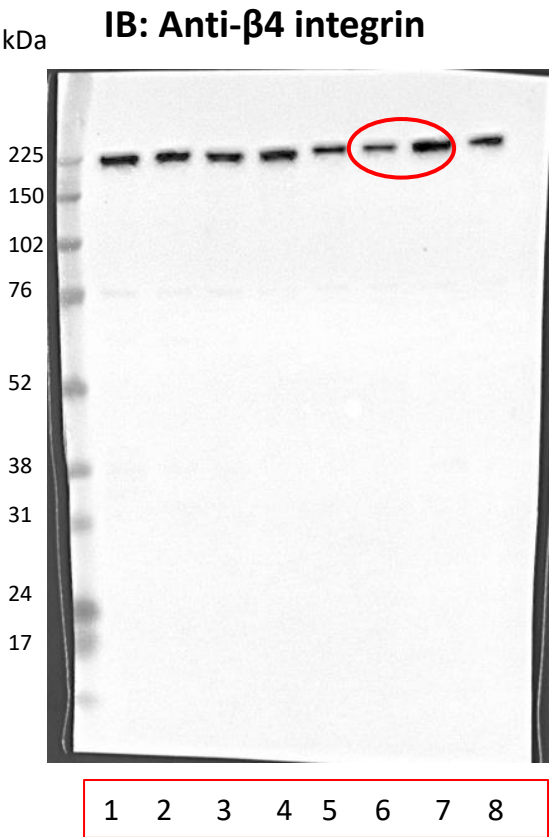
Uncut gels related to WB depicted in Figure S2 panel B, right. Whole membrane blot of western blotting analysis (4-12% gel) related to β4 integrin and E-cadherin in 22Rv1 cells (lanes 1-2) total lysates. Lane 1 shows cells transfected with NC1, scramble control; lane 2 shows cells transfected with H19 siRNA. Upper panel shows the immunoblot for β4 integrin. Lower left panel shows the immunoblot for E-cadherin. Lower right panel shows the immunoblot for β-Actin used as loading control. Images of selected portions shown in the original Figure S2B are highlighted in red. Upper right panel shows the Red Ponceau of membrane blot.

Uncropped gels for Fig. S3A



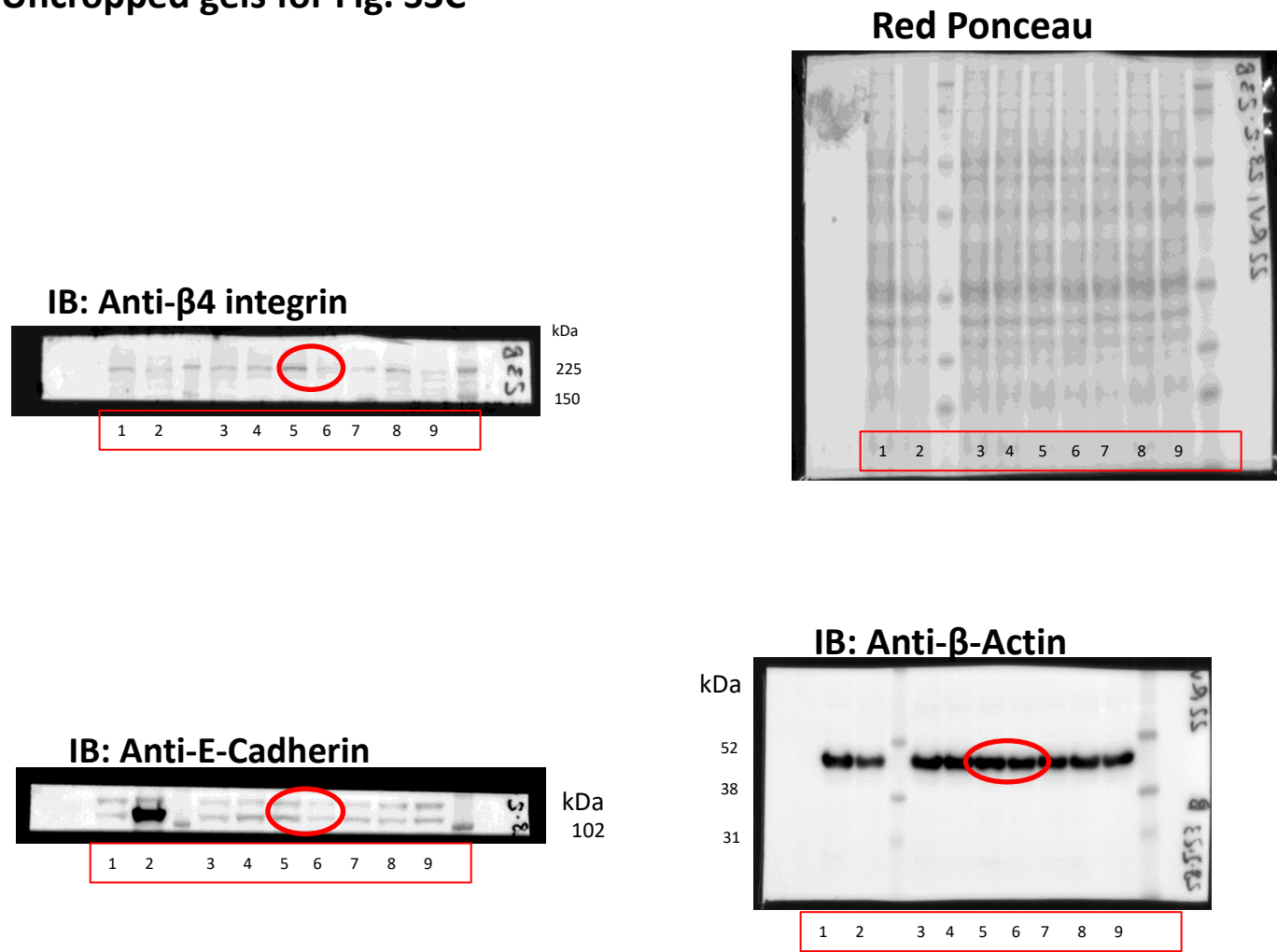
Uncut gels related to WB depicted in Figure S3 panel A. Whole membrane blot of western blotting analysis (4-12% gel) related to β4 integrin and E-cadherin in PC3 cells (lanes 3-4) total lysates. Lane 3 shows control cells; lane 4 shows H19 overexpressed cells. Upper left panel shows the immunoblot for β4 integrin. Middle panel shows the immunoblot for E-cadherin. Lower panel shows the immunoblot for β-Actin used as loading control. Images of selected portions shown in the original Figure S3A are highlighted in red. Upper right panel shows the Red Ponceau of membrane blot.

Uncropped gels for Fig. S3B



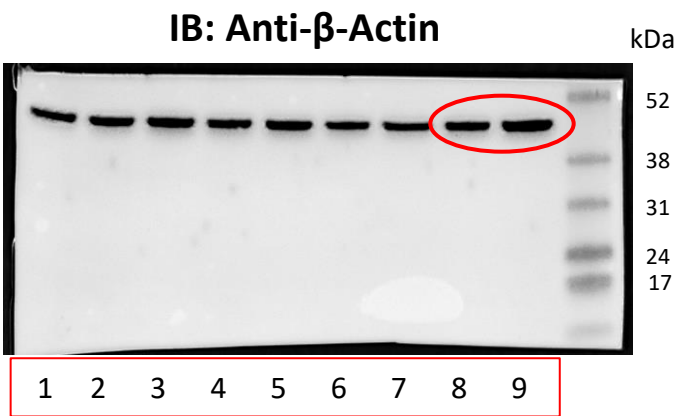
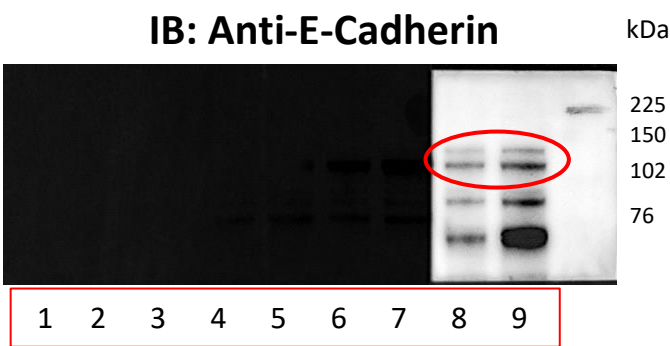
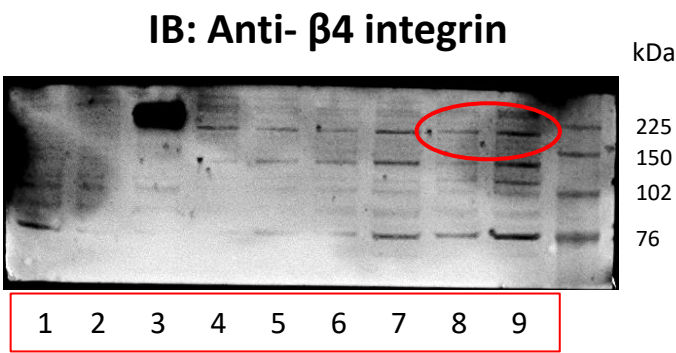
Uncut gels related to WB depicted in Figure S3 panel B. Whole membrane blot of western blotting analysis (4-12% gel) related to $\beta 4$ integrin and E-cadherin in PC3 cells (lanes 6-7) total lysates. Lane 6 shows vector cells; lane 7 shows H19 silenced cells. Upper panel shows the immunoblot for $\beta 4$ integrin. Lower left panel shows the immunoblot for E-cadherin. Lower right panel shows the immunoblot for β -Actin used as loading control. Images of selected portions shown in the original Figure S3B are highlighted in red. Upper right panel shows the Red Ponceau of membrane blot.

Uncropped gels for Fig. S3C

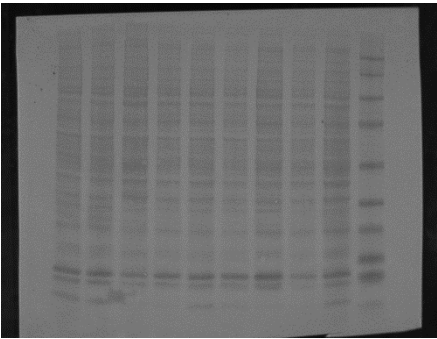


Uncut gels related to WB depicted in Figure S3 panel C. Whole membrane blot of western blotting analysis (4-12% gel) related to β4 integrin and E-cadherin in 22RV1 cells (lanes 5-6) total lysates. Lane 5 shows control cells; lane 6 shows H19 overexpressed cells. Upper left panel shows the immunoblot for β4 integrin. Lower left panel shows the immunoblot for E-cadherin. Lower right panel shows the immunoblot for β-Actin used as loading control. Images of selected portions shown in the original Figure S3C are highlighted in red. Upper right panel shows the Red Ponceau of membrane blot.

Uncropped gels for Fig. S3D

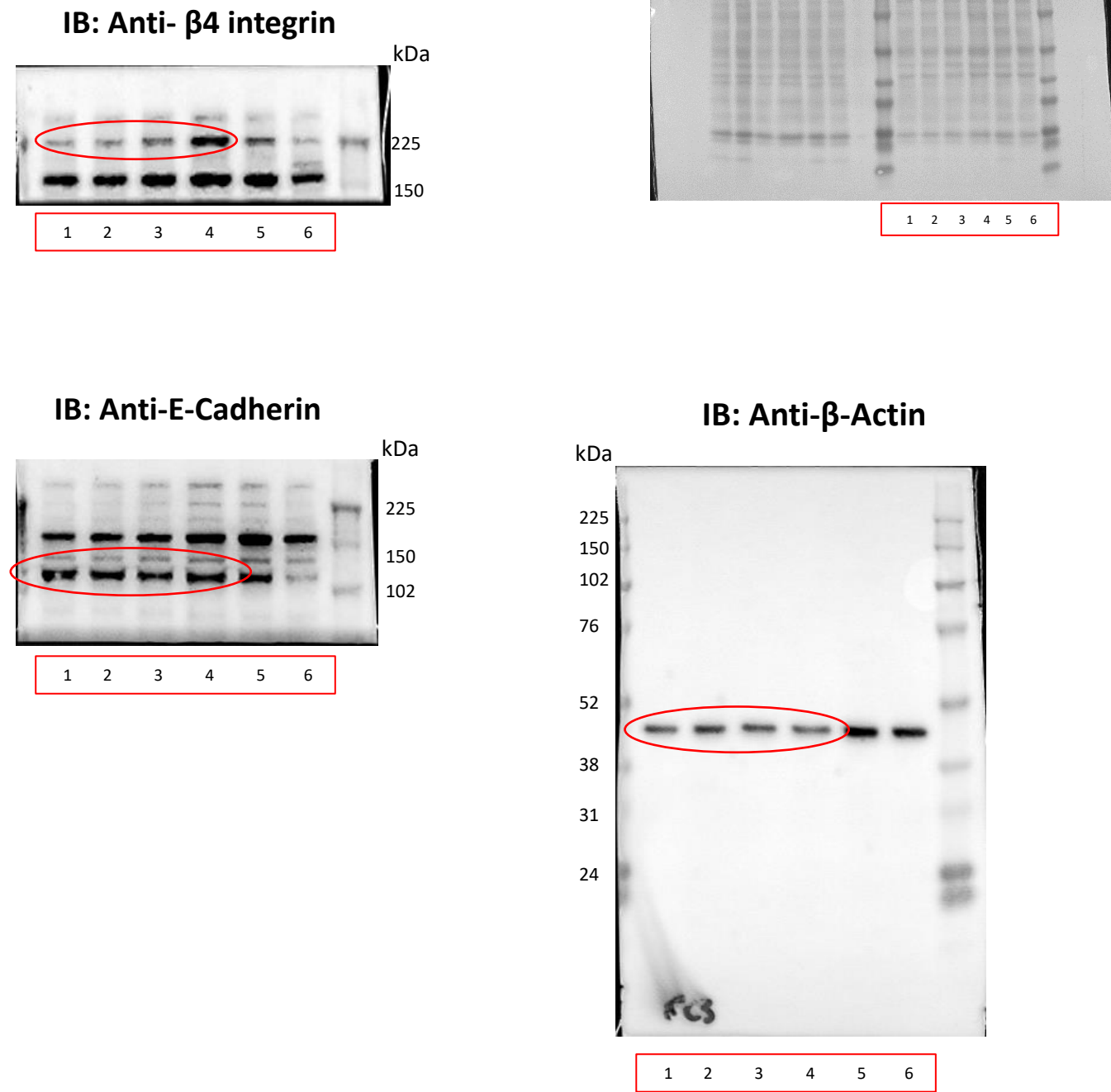


Red Ponceau



Uncut gels related to WB depicted in Figure S3 panel D. Whole membrane blot of western blotting analysis (4-12% gel) related to β 4 integrin and E-cadherin in 22Rv1 cells (lanes 8-9) total lysates. Lane 8 shows vector cells; lane 9 shows H19 silenced cells. Upper panel shows the immunoblot for β 4 integrin. Middle panel shows the immunoblot for E-cadherin. Lower panel shows the immunoblot for β -Actin used as loading control. Images of selected portions shown in the original Figure S3D are highlighted in red. Upper right panel shows the Red Ponceau of membrane blot.

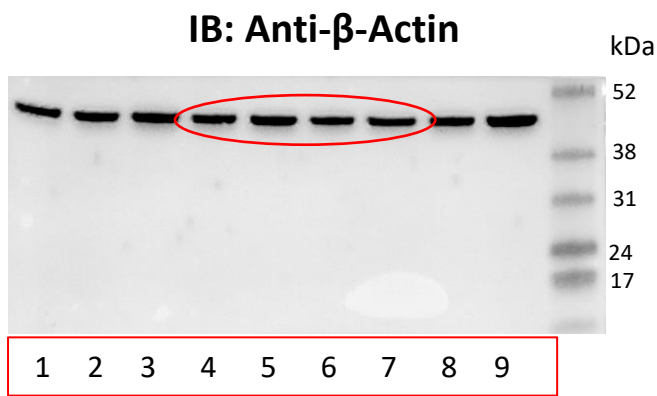
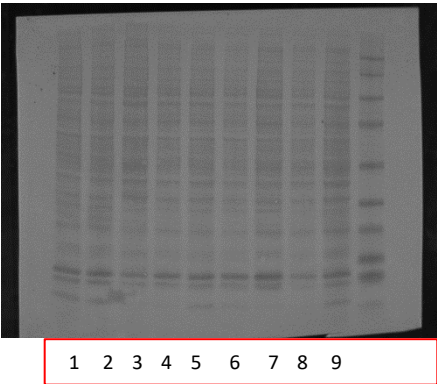
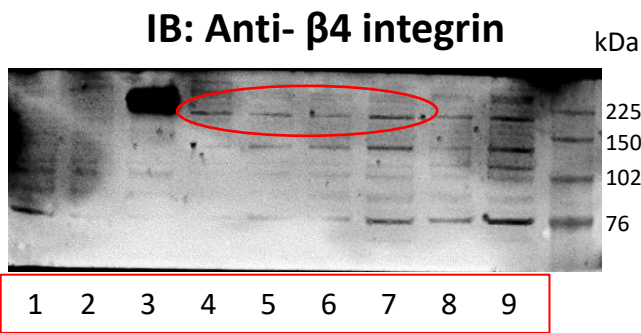
Uncropped gels for Fig. S4A



Uncut gels related to WB depicted in Figure S4 panel A. Whole membrane blot of western blotting analysis (4-12% gel) related to $\beta 4$ integrin and E-cadherin in PC3 cells (lanes 1-4) total lysates. Lanes 1-2 show vector cells, treated with GSK-J4 and DMSO respectively; lanes 3-4 show silenced H19 cells, treated with GSK-J4 and DMSO respectively. Upper panel shows the immunoblot for $\beta 4$ integrin. Lower left panel shows the immunoblot for E-cadherin. Lower right panel shows the immunoblot for β -Actin used as loading control. Images of selected portions shown in the original Figure S4A are highlighted in red. Upper right panel shows the Red Ponceau of membrane blot.

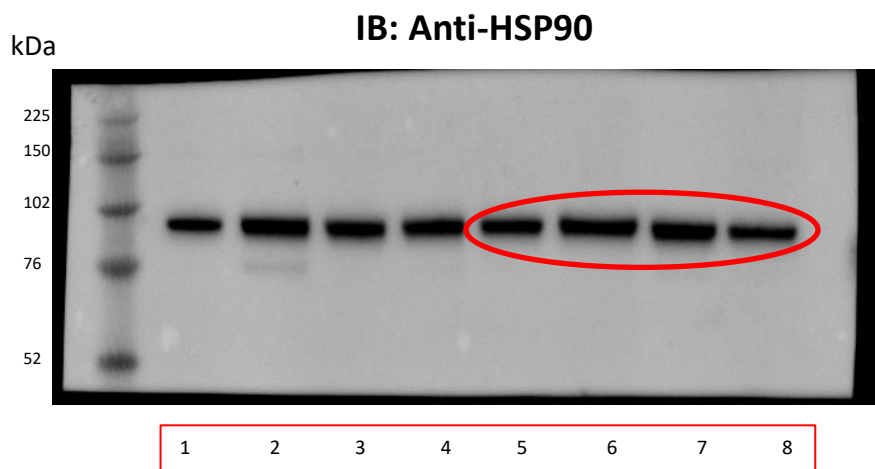
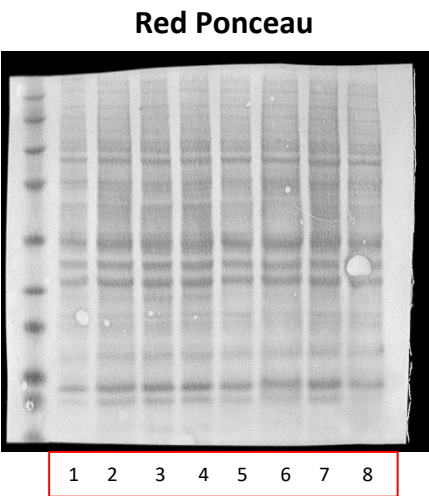
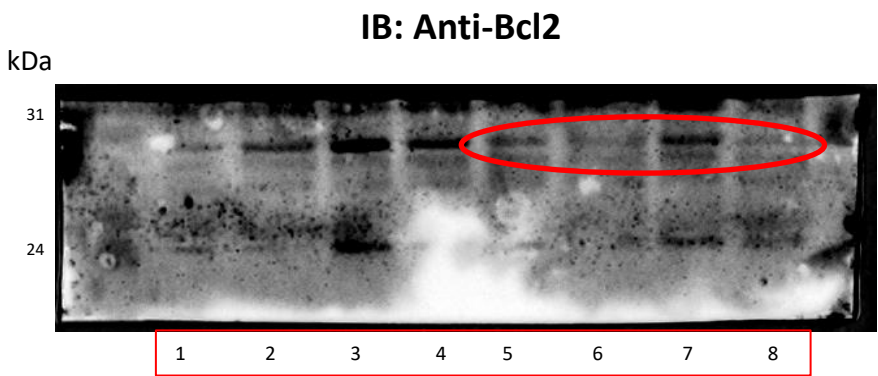
Uncropped gels for Fig. S4B

Red Ponceau



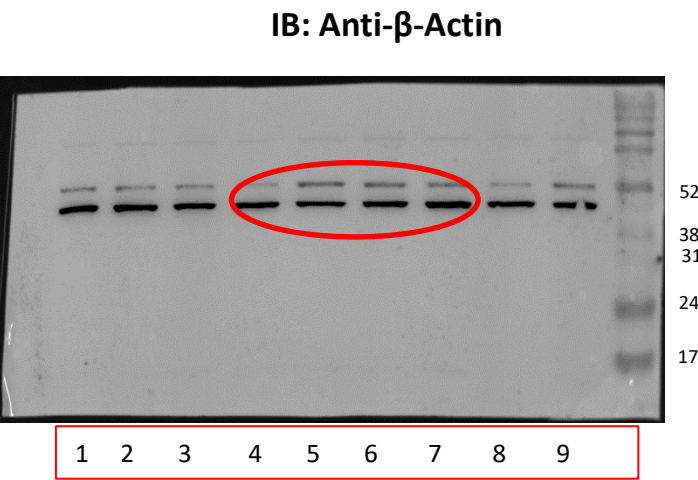
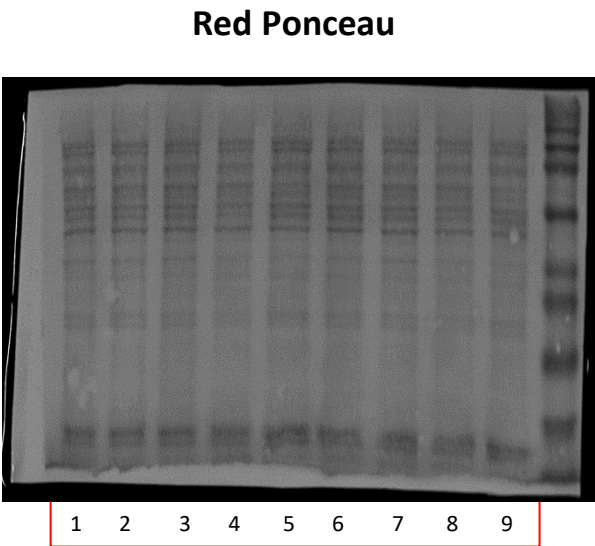
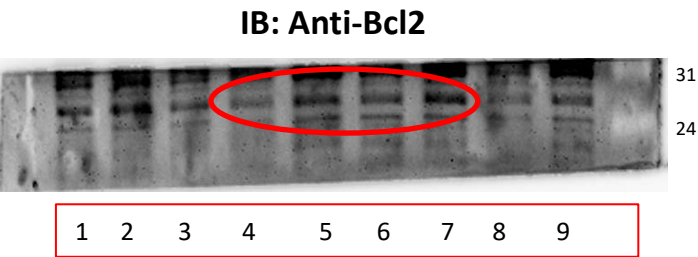
Uncut gels related to WB depicted in Figure S4 panel B. Whole membrane blot of western blotting analysis (4-12% gel) related to β 4 integrin and E-cadherin in 22Rv1 cells (lanes 4-7) total lysates. Lanes 4-5 show vector cells, treated with GSK-J4 and DMSO respectively; lanes 5-6 show H19 silenced cells, treated with GSK-J4 and DMSO respectively. Upper panel shows the immunoblot for β 4 integrin. Middle panel shows the immunoblot for E-cadherin. Lower panel shows the immunoblot for β -Actin used as loading control. Images of selected portions shown in the original Figure S4B are highlighted in red. Upper right panel shows the Red Ponceau of membrane blot.

Uncropped gels for Fig. S5A



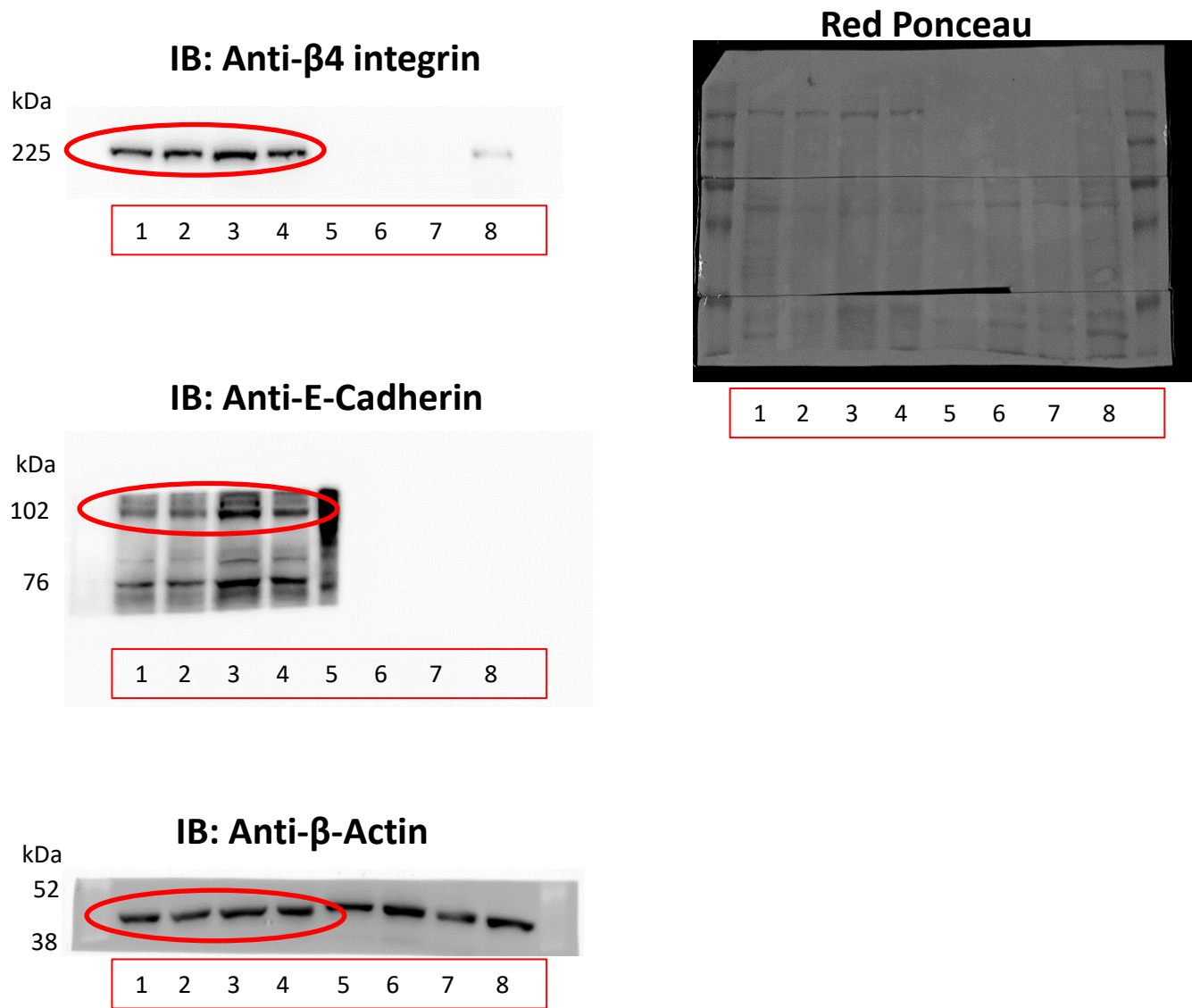
Uncut gels related to WB depicted in Figure S5A. Whole membrane blot of western blotting analysis (12% gel) related to Bcl2 in PC3 cells (lanes 5-8) total lysates. Lanes 5-6 show vector cells, treated with DMSO and GSK-J4 respectively; lanes 7-8 show silenced H19 cells, treated with DMSO and GSK-J4 respectively. Upper panel shows the immunoblot for Bcl2. Lower panel shows the immunoblot for HSP90 used as loading control. Images of selected portions shown in the original Figure S5A are highlighted in red. Upper right panel shows the Red Ponceau of membrane blot.

Uncropped gels for Fig. S5B



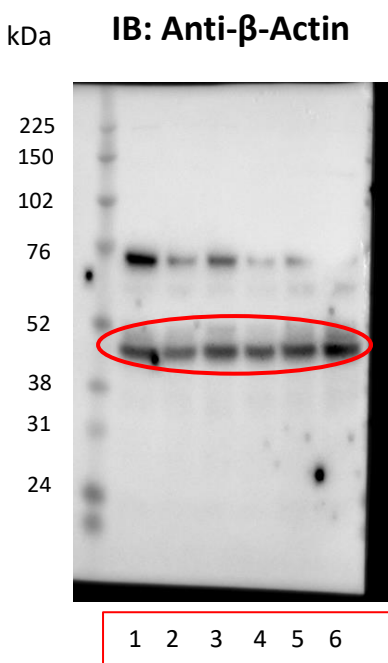
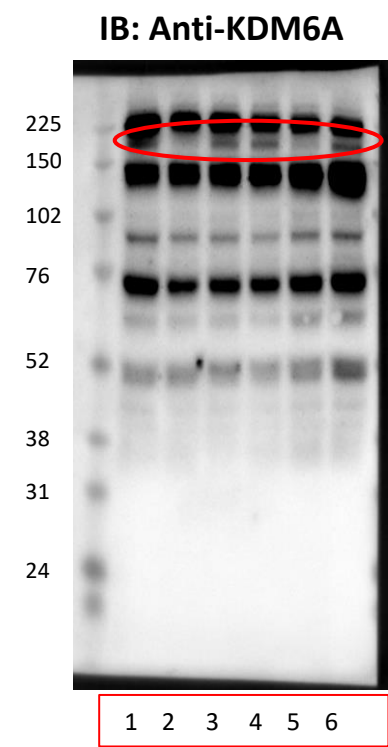
Uncut gels related to WB depicted in Figure S5B. Whole membrane blot of western blotting analysis (4-12% gel) related to Bcl2 in 22Rv1 cells (lanes 4-7) total lysates. Lanes 4-5 show vector cells, treated with GSK-J4 and DMSO respectively; lanes 5-6 show H19 silenced cells, treated with GSK-J4 and DMSO respectively. Upper panel shows the immunoblot for Bcl2. Lower panel shows the immunoblot for β -Actin used as loading control. Images of selected portions shown in the original Figure S5B are highlighted in red. Upper right panel shows the Red Ponceau of membrane blot.

Uncropped gels for Fig. S6B

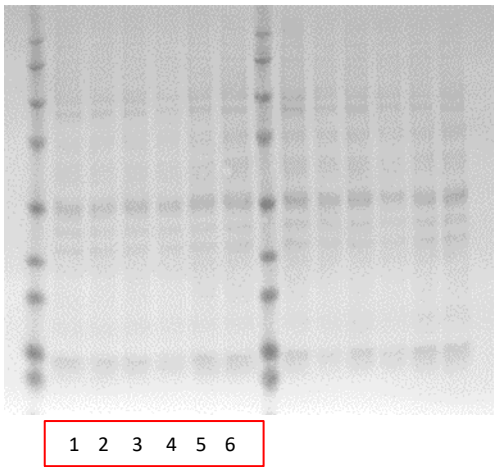


Uncut gels related to WB depicted in Figure S6 panel B. Whole membrane blot of western blotting analysis (4-12% gel) related to β4 integrin and E-cadherin in PC3 cells (lanes 1-4) total lysates. Lanes 1-2 show cells transfected with NC1 (scramble control), treated with DMSO and GSK-J4 respectively; lanes 3-4 show cells transfected with H19 siRNA, treated with DMSO and GSK-J4 respectively. Upper panel shows the immunoblot for β4 integrin. Middle panel shows the immunoblot for E-cadherin. Lower panel shows the immunoblot for β-Actin used as loading control. Images of selected portions shown in the original Figure S6B are highlighted in red. Upper right panel shows the Red Ponceau of membrane blot.

Uncropped gels for Fig. S7B, left

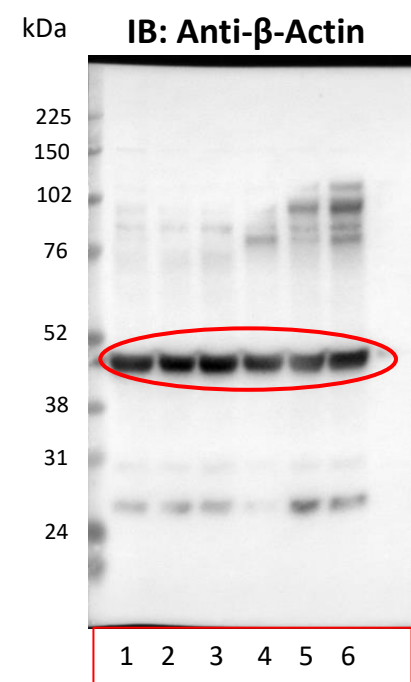
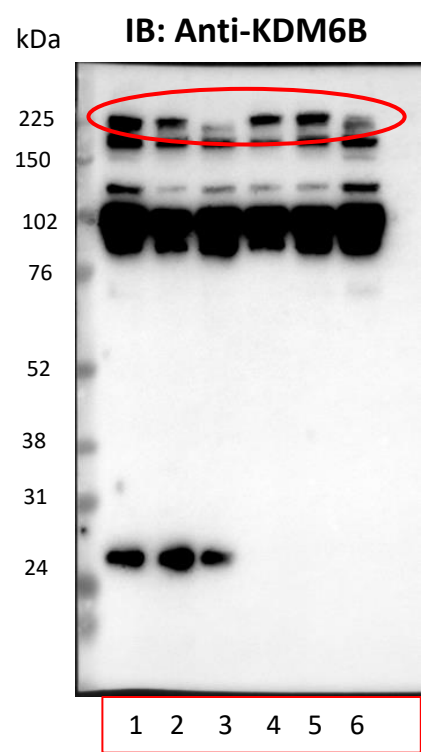


Red Ponceau

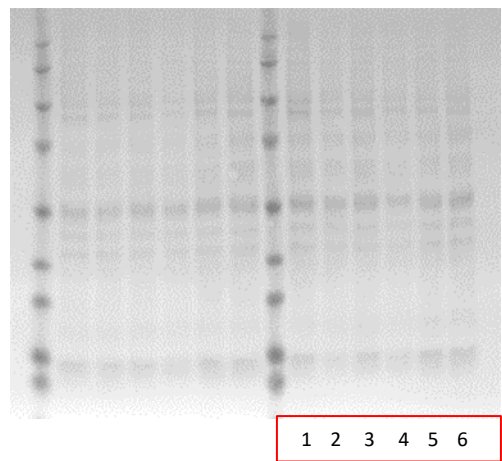


Uncut gels related to WB depicted in Figure S7 panel B, left. Whole membrane blot of western blotting analysis (4-12% gel) related to KDM6A in PC3 cells (lanes 1-6) total lysates. Lanes 1-2-3 show vector cells transfected with NC1 (scramble control), siKDM6A and siKDM6B, respectively; lanes 4-5-6 show H19 silenced cells transfected with NC1 (scramble control), siKDM6A and siKDM6B, respectively. Upper panel shows the immunoblot for KDM6A. Lower panel shows the immunoblot for β -Actin used as loading control. Images of selected portions shown in the original Figure S7B are highlighted in red. Upper right panel shows the Red Ponceau of membrane blot.

Uncropped gels for Fig. S7B, right



Red Ponceau



Uncut gels related to WB depicted in Figure S7 panel B, right. Whole membrane blot of western blot analysis (4-12% gel) related to KDM6B in PC3 cells (lanes 1-6) total lysates. Lane 1-2-3 show vector cells transfected with NC1 (scramble control), siKDM6A and siKDM6B, respectively; lanes 4-5-6 show H19 silenced cells transfected with NC1 (scramble control), siKDM6A and siKDM6B, respectively. Upper panel shows the immunoblot for KDM6B. Lower panel shows the immunoblot for β-Actin used as loading control. Images of selected portions shown in the original Figure S7B are highlighted in red. Upper right panel shows the Red Ponceau of membrane blot.