cancers

MDPI

*Supplementary Materials*

# Dexamethasone Inhibits TRAIL-Induced Apoptosis through c-FLIP(L) Upregulation and DR5 Downregulation by GSK3β activation in Cancer Cells

**Mi-Yeon Jeon, Seon Min Woo, Seung Un Seo, Sang Hyun Kim, Ju-Ock Nam, Shin Kim, Jong-Wook Park, Peter Kubatka, Kyoung-jin Min, and Taeg Kyu Kwon**

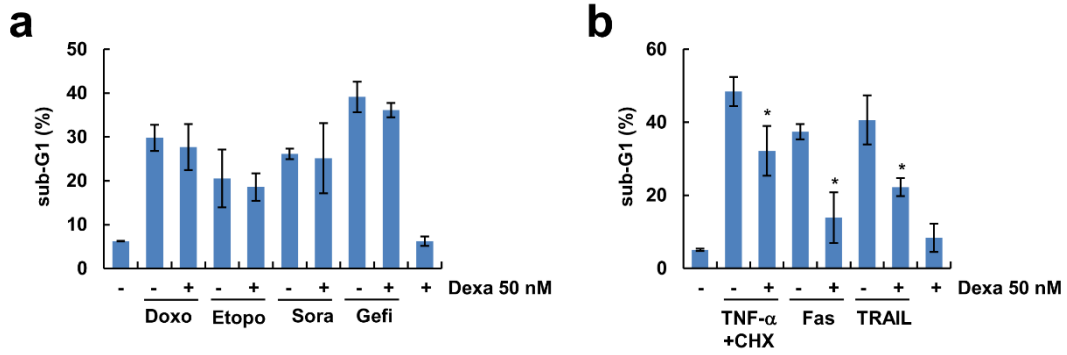


**Figure S1.** Effect of DEX on anti-cancer drugs-induced cell death. **(a,b)** Caki-1 cells were pretreated with the indicated concentrations of DEX for 1 h, and then treated with anti-cancer drugs (doxorubicin, etoposide, sorafenib and gefitinib) **(a)** or death receptor-associated drugs (TNF-α+CHX, Fas and TRAIL) **(b)** for 24 h. Apoptosis was determined by flow cytometry.

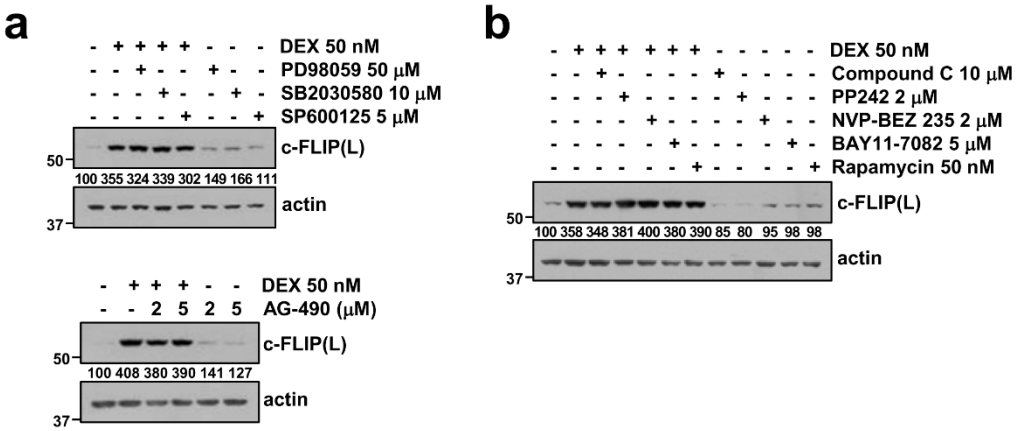


**Figure S2.** Effect of various multiple kinases inhibitors on DEX-mediated c-FLIP upregulation. **(a,b)** Caki-1 cells were pretreated with MAPKs inhibitors [PD98059 (MEK inhibitor), SB203580 (p38 MAPK inhibitor), and SP600125 (JNK inhibitor)], JAK/STAT inhibitor (AG-490) **(a)**, AMPK inhibitor (compound C), mTOR kinase inhibitors (PP242, NVP-BEZ235 and Rapamycin) and NF- B inhibitor (BAY11-7082) **(b)** for 1 h, and then treated with 50 nM DEX for 24 h. Protein expression was determined by western blotting.

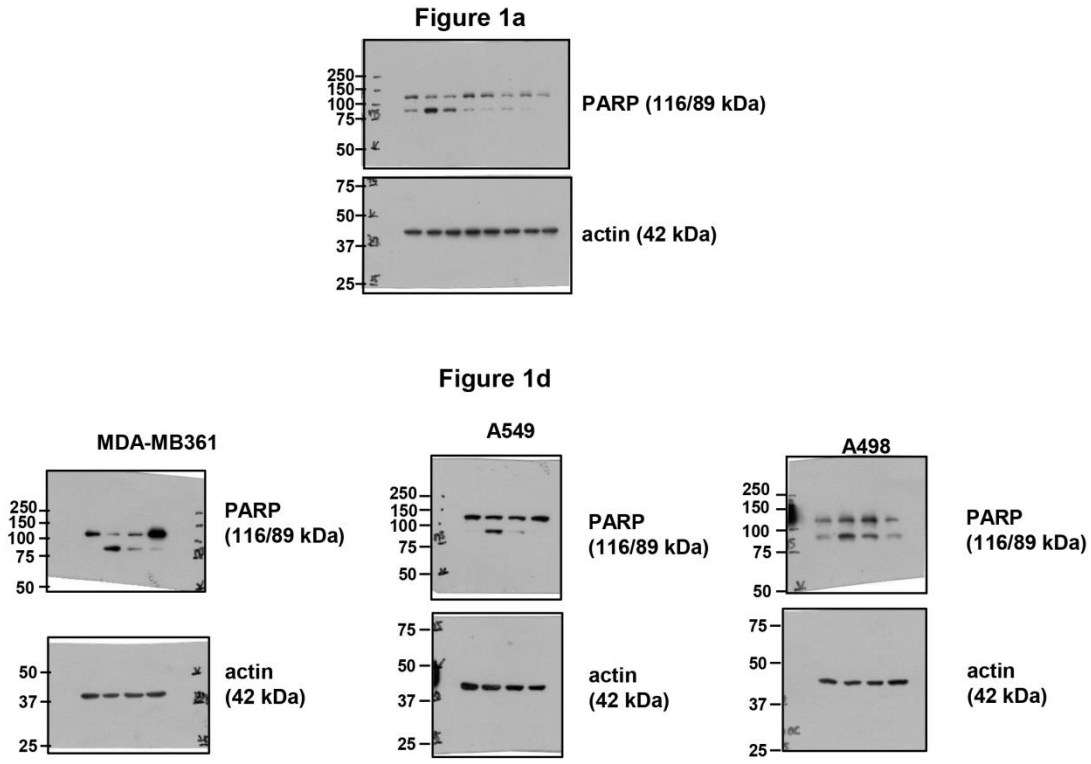


**Figure S3.** Uncropped western blots for Figure 1.

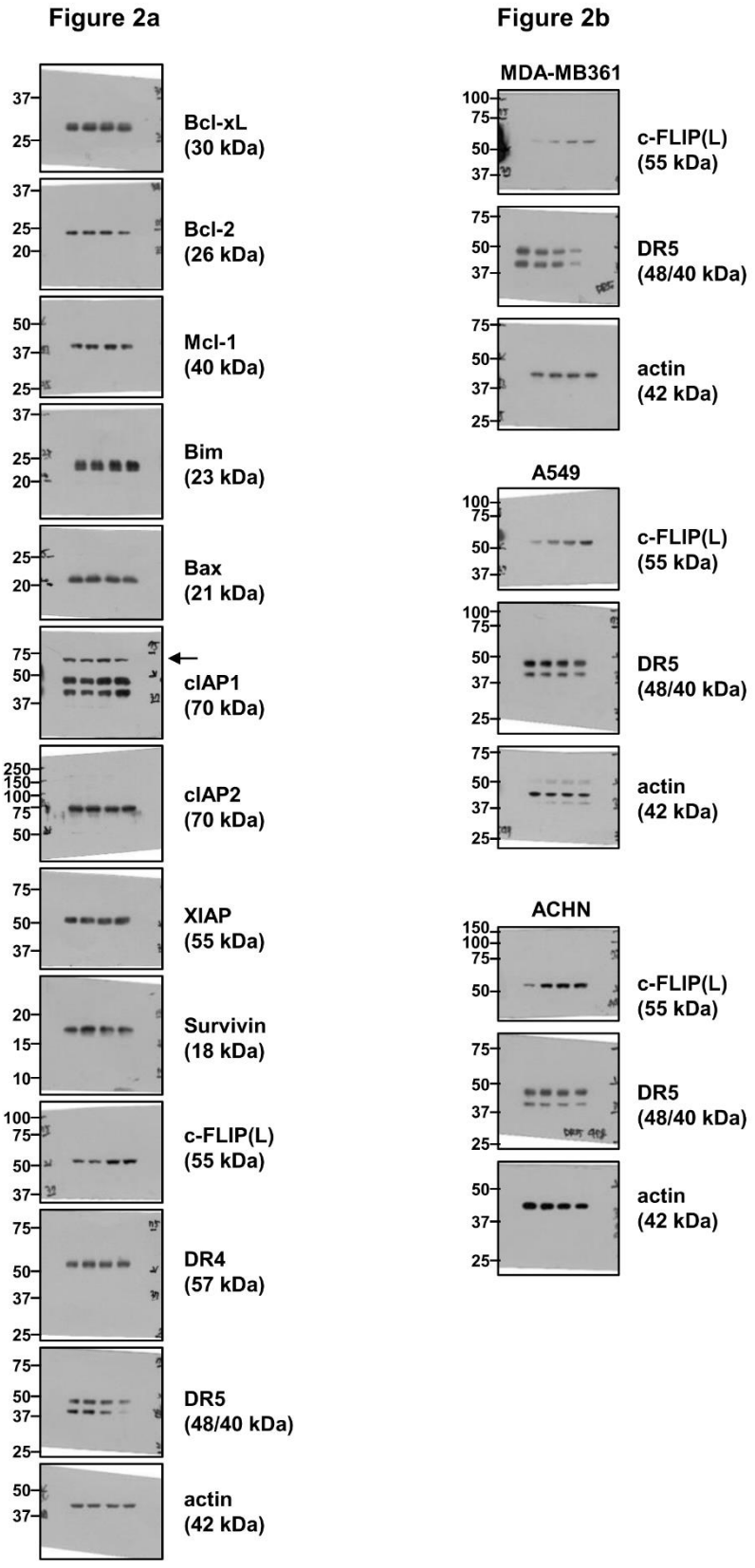


**Figure S4.** Uncropped western blots for Figure 2.

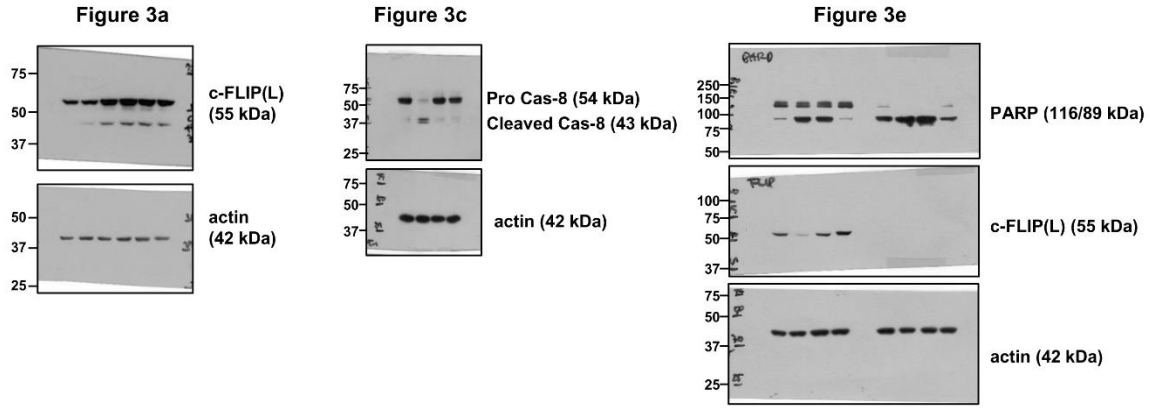


**Figure S5.** Uncropped western blots for Figure 3.

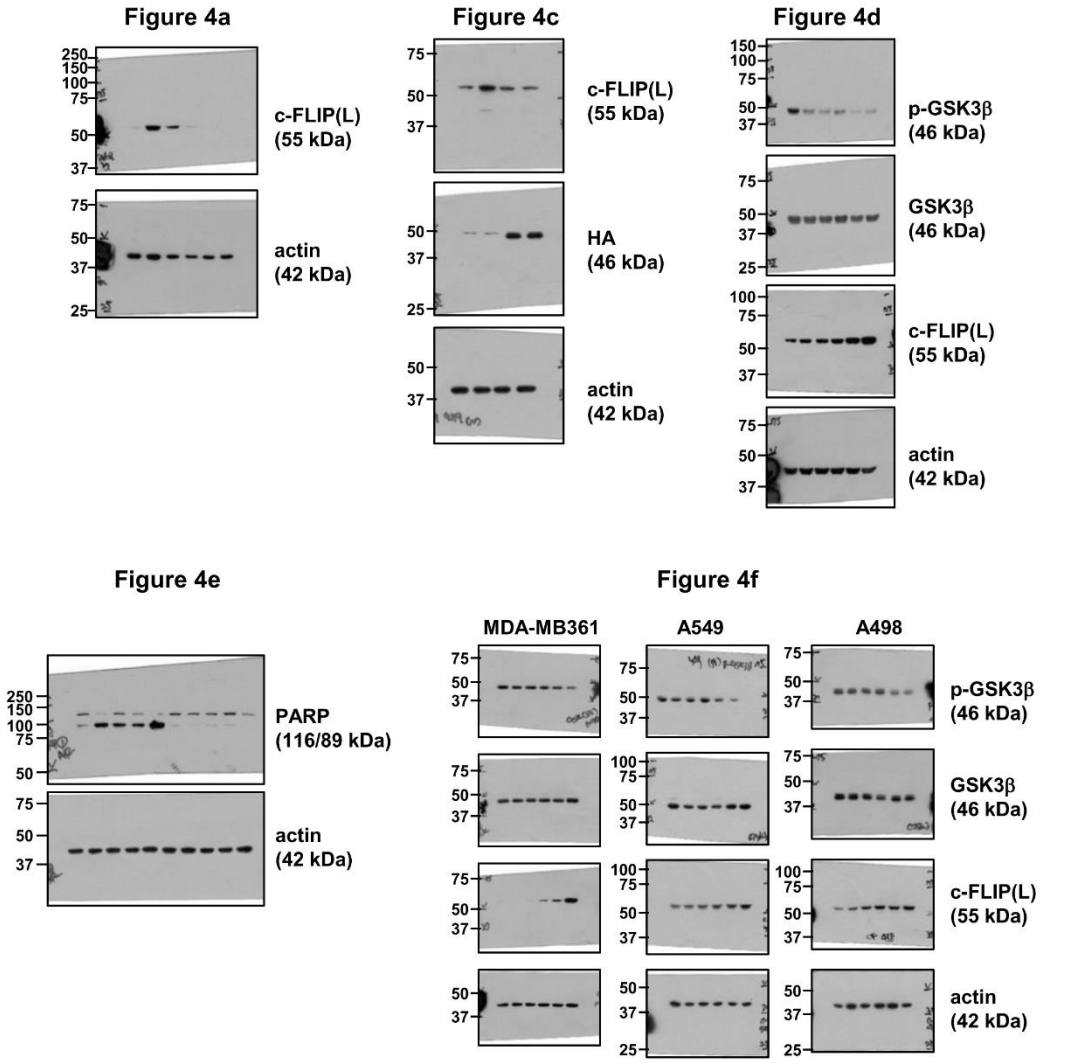


**Figure S6.** Uncropped western blots for Figure 4.

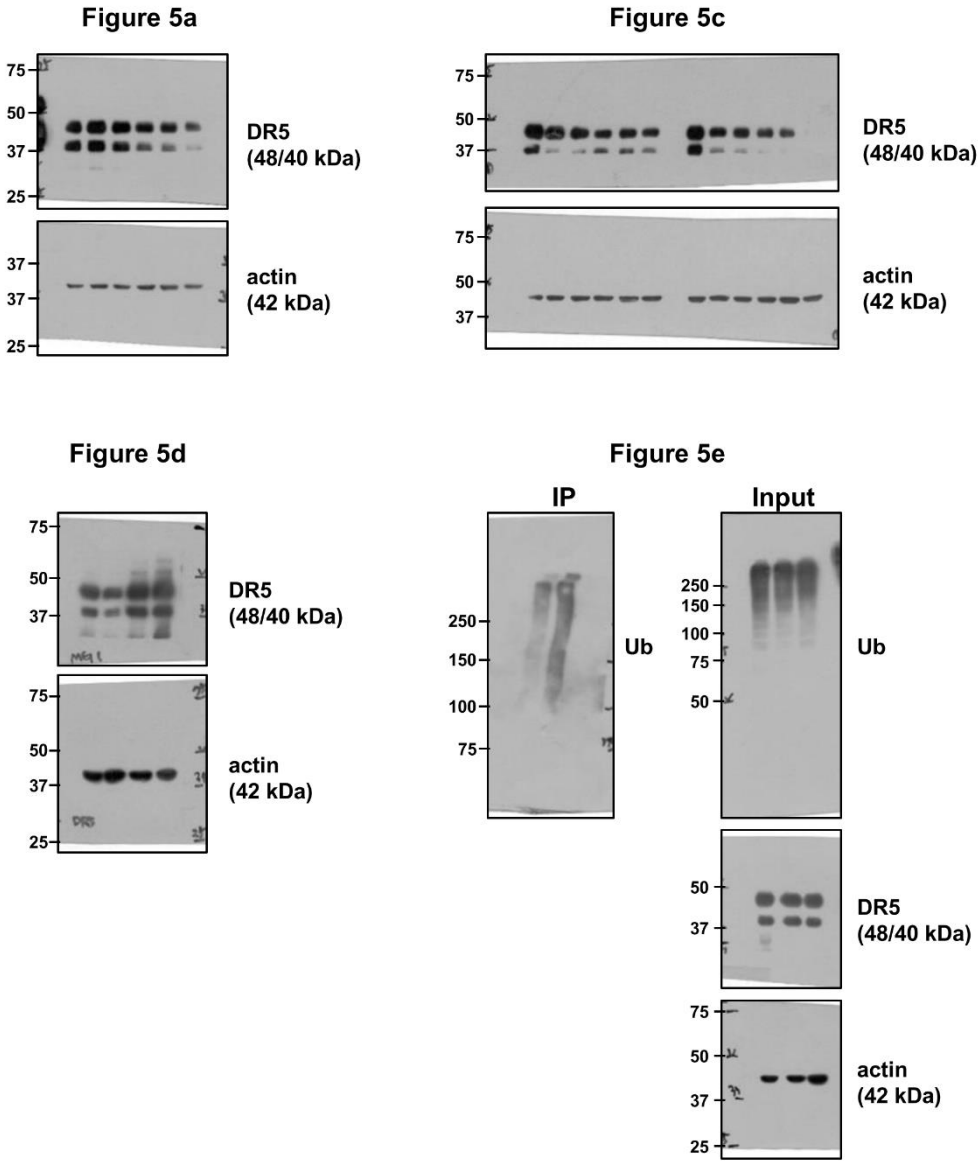


**Figure S7.** Uncropped western blots for Figure 5.

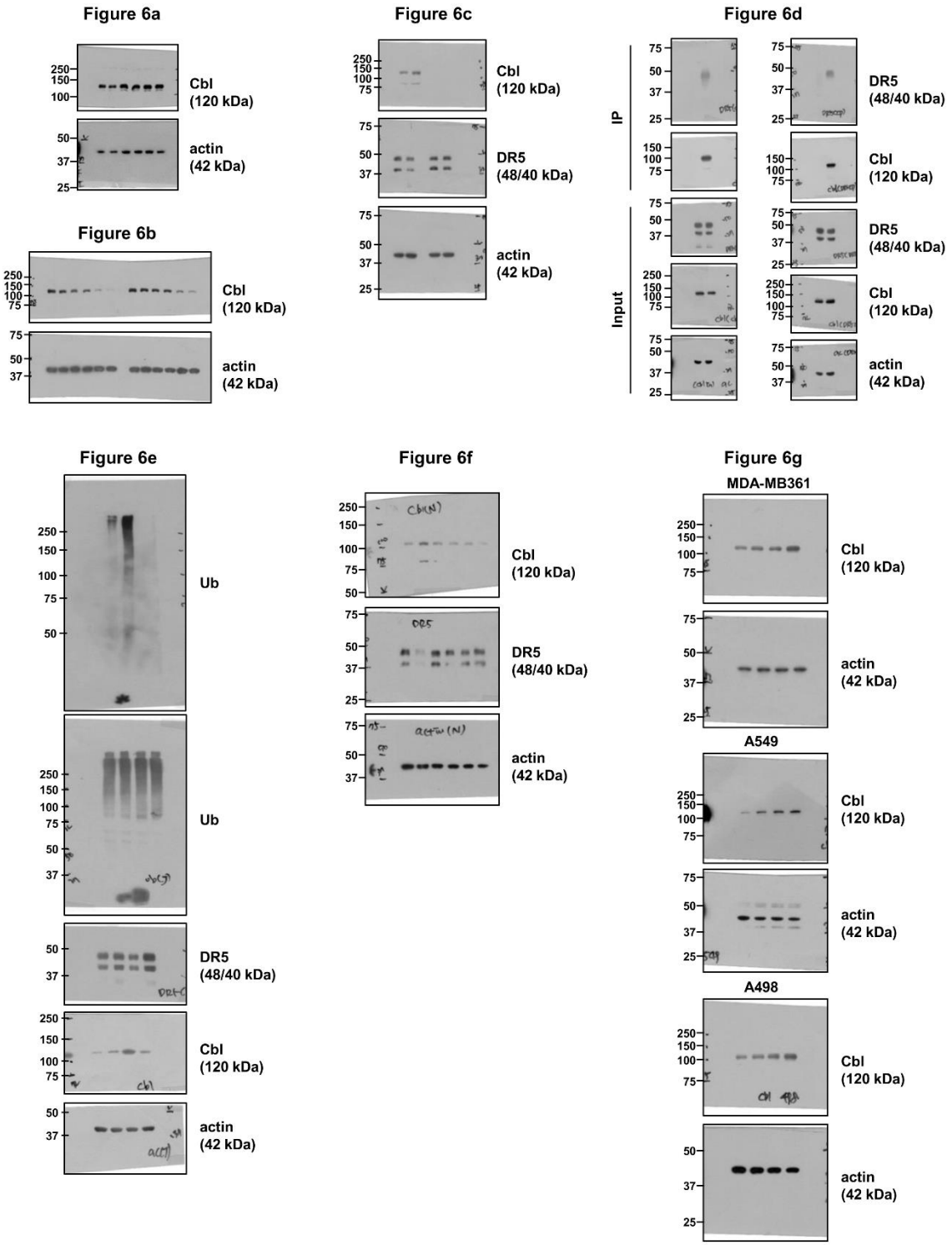


**Figure S8.** Uncropped western blots for Figure 6.

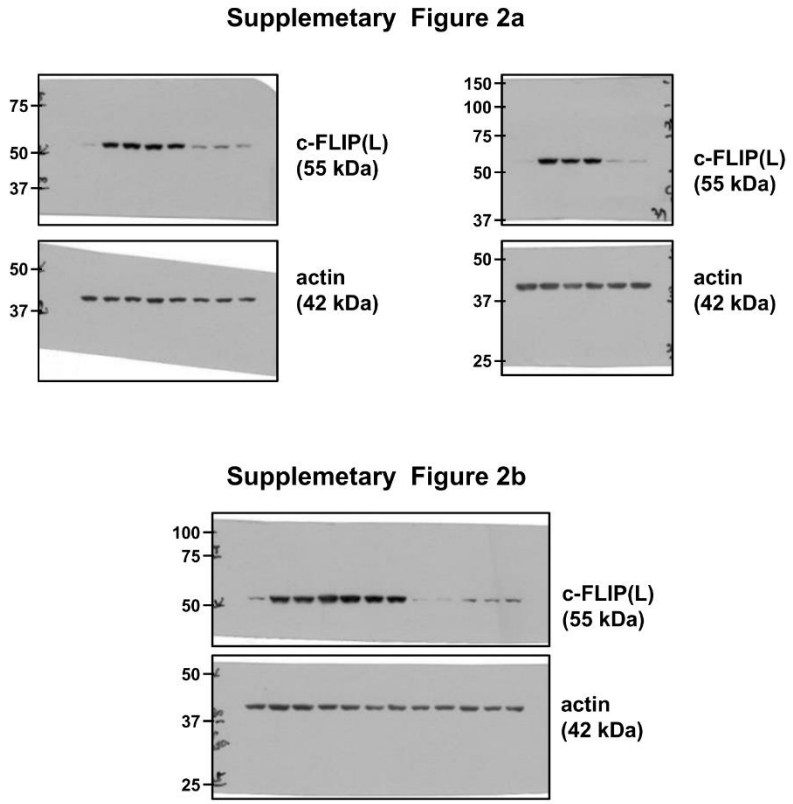


**Figure S9.** Uncropped western blots for Figure S2.