

Inhibition of CD45 phosphatase activity induces cell cycle arrest and apoptosis of CD45⁺ lymphoid tumors *ex vivo* and *in vivo*

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Running title

Validation of CD45 PTPase enzyme inhibition for cancer therapy

SUPPLEMENTAL FIGURES

FIGURE S1. Two other therapeutic experiments were carried out as in Figure 3B, with the paradigm slightly modified (top, 300,000 cells inoculated and treatment started at day 3, n= 5 mice/group; and bottom 200,000 cells inoculated and treatment started at day 6, n=7 mice/group). Average tumor volume \pm sd are shown.

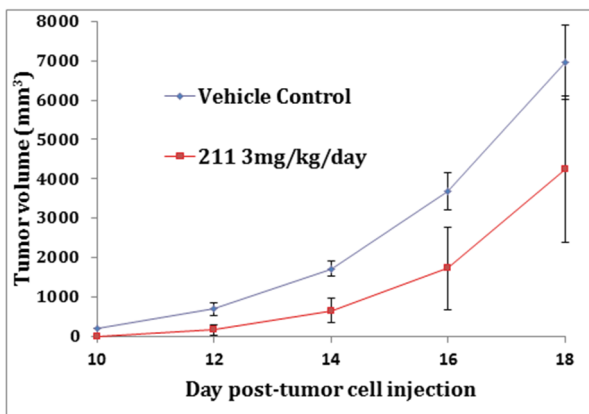
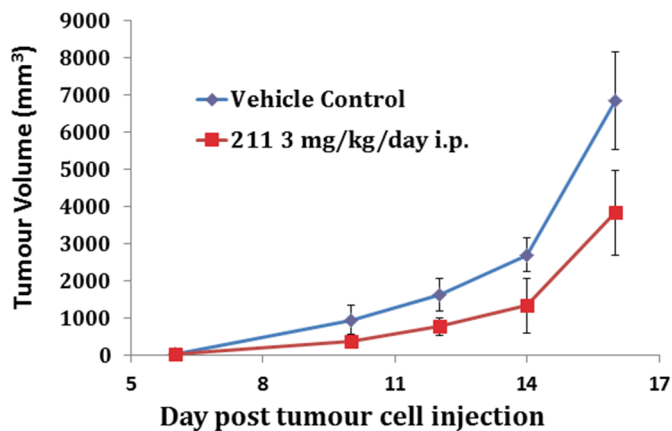
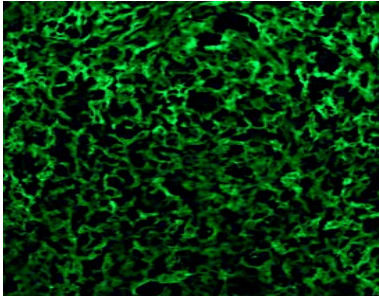


FIGURE S2

EL4 cells express high levels of a tumor marker ganglioside GD2. Cryosections of tissue from tumor-bearing mice (treated with vehicle control or with **211**) were immunostained for GD2 expression, with pictures taken using epifluorescent microscopy.

211-treated**vehicle**