**Supplementary Figure 4**

**dAbd C7 activity is related to p53 status, but is ineffective in h-MSC cells.**

(A) Histogram shows Annexin V/PI evaluation on 6647 and two different normal hMSCs. (B) Annexin V/PI evaluation of murine MSC C3H10T1/2 EF CD99 before and after treatment with 10μg/ml 0662-mAb, dAbd C7 200μg/ml or vehicle alone. C) **Upper panel** Annexin V-PI analysis, expressed as percentage of live (black), apoptotic (dark grey) or necrotic (light grey), in EWS cells after silencing (LAP-35 p53si) or forced expression (SK-N-MC p53wt) of p53 before and after treatment (30 min) with 200μg/ml dAbd C7. Values are representative of 3 independent experiments (p value: <0.05). **Lower panel** Western blot of p53 levels in corresponding cells before and after treatment. Equal loading was monitored by anti-GAPDH blotting.