

CORRECTION

Correction to: Fhit modulation of the Akt-survivin pathway in lung cancer cells: Fhit-tyrosine 114 (Y114) is essential

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The GFP blot images for Fig. 1A, b, in this article have been removed because the original data are no longer available, thus these images cannot be validated.

The original article has been corrected.

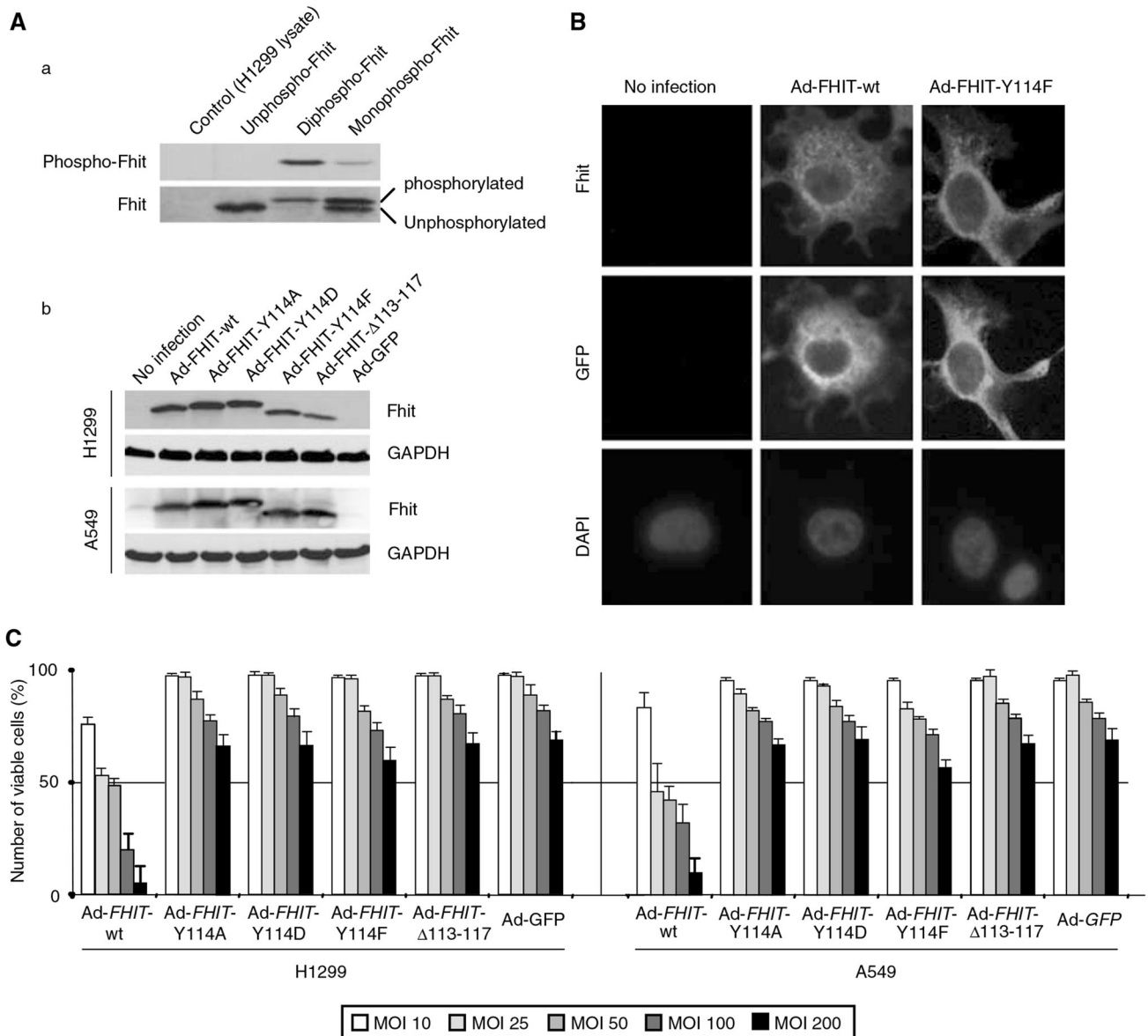


Fig. 1 **Characterization of wild-type and Y114 mutant *FHIT*-infected human lung cancer cells.** **A** Detection of recombinant Fhit proteins by Western blot analysis. **a** Purified recombinant Fhit proteins, unphosphorylated, monophosphorylated and diphosphorylated, were detected using phospho-Fhit antiserum (upper panel) or Fhit polyclonal antiserum (lower panel); note that anti-Fhit serum detects both unphosphorylated and phosphorylated monomers. **b** Western blot of wild-type and mutant Fhit protein overexpressed in H1299 and A549 cells. Cells were infected with individual viruses (MOI 25) and incubated for 48 h. Individual recombinant Fhit proteins showed different gel mobilities, partially based on charge differences. Note that there was no signal indicating phospho-Fhit expression in Ad-FHIT-wt-infected cells. GAPDH expression level served as loading controls. **B** Intracellular localization of recombinant wild-type Fhit and Fhit-Y114F proteins overexpressed in H1299 cells. The cells were infected with Ad-FHIT-wt and Ad-FHIT-Y114F, respectively (MOI 25). After 48 h, wild-type and mutant Fhit protein were detected by anti-Fhit primary antiserum followed by anti-rabbit IgG labeled with Texas-Red. DAPI-stained cells are shown for identification of nuclei. **C** Results of cell viability analysis in recombinant *FHIT*-infected-lung cancer cells. Five days after infection with individual viruses (MOI 25), cells were stained with trypan blue and counted. The percentage of viable cells is shown for each virus for both H1299 and A549 cell lines.