Data S1

Immunocytochemistry. Sterilized perforated slide glasses were coated with 0.1 mg/ml poly-L-lysine (cat. no. P4707-50ML; MilliporeSigma) and washed with phosphate-buffered saline (PBS) three times. RD and Rh30 cells were plated at a density of $1.0x10^5$ cells/well in 200 μl culture media. After 24 h of incubation at 37˚C, the slides were rinsed lightly with 0.1% PBS containing Tween-20, fixed with 4% paraformaldehyde (Nacalai Tesque, Inc.) for 10 min at room temperature, and washed three times with ice-cold PBS (5 min/wash). The subsequent steps were performed as for immunohistochemical staining.

Figure S1. Human vimentin antibodies reacted only with human rhabdomyosarcoma cell lines, not chicken tissues. (A) Immunocytochemical staining of anti-human vimentin in RD and Rh30 cell lines. The cells were counterstained with methyl green. (B) Hematoxylin and eosin staining (left) and immunohistochemical staining of anti-human vimentin (right) in the chick muscle tissue. Sections were counterstained with methyl green. Staining caused by a non-specific reaction was not observed.