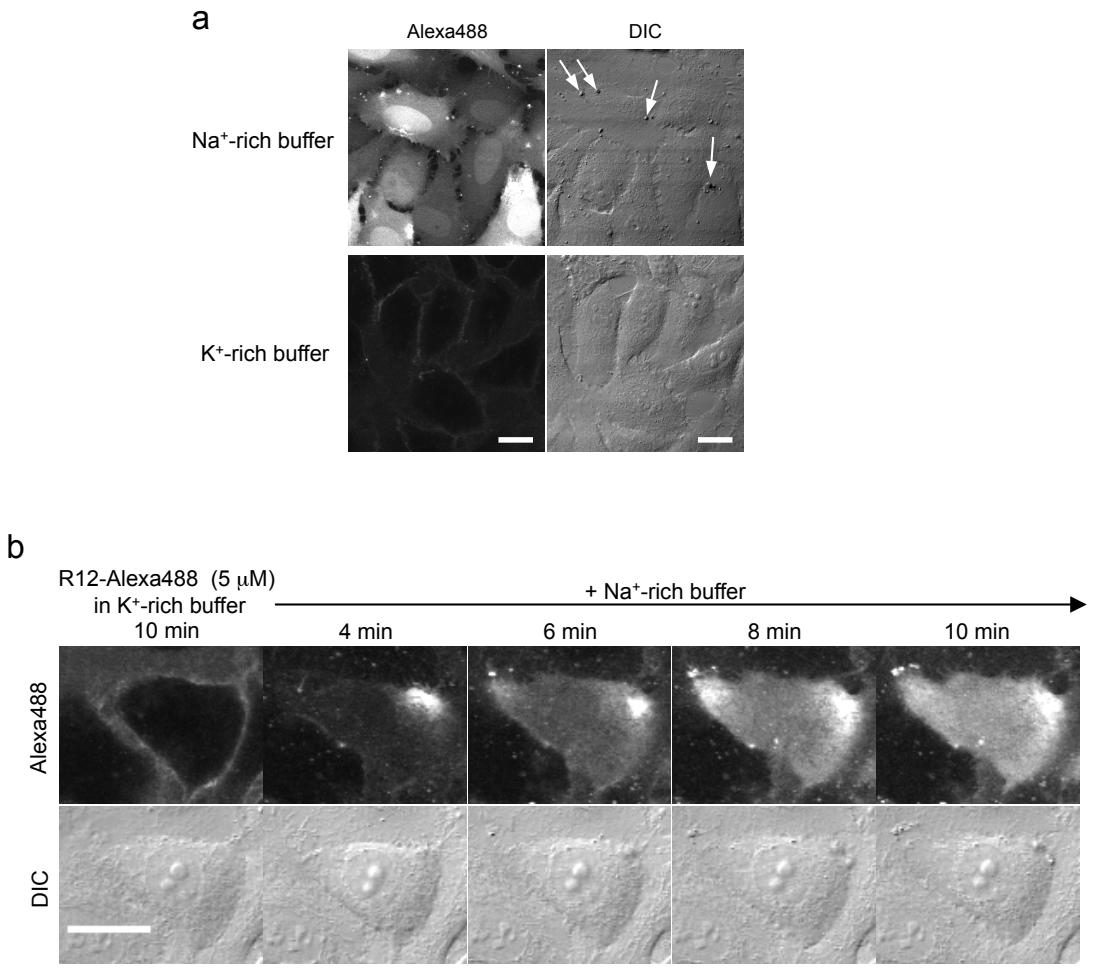

Figure S5 Effect of membrane potential on particle formation and influx of R12-Alexa488 into cells. (a) HeLa cells were treated with R12-Alexa488 (5 μM) for 10 minutes at 37°C in Na^+-rich buffer (140 mM NaCl, 3 mM KCl, 1 mM $MgCl_2$, 1 mM $CaCl_2$, 5 mM glucose, 20 mM HEPES, pH 7.4), which maintains the membrane potential, or K^+-rich buffer (40 mM KCl, 100 mM potassium glutamate, 1 mM $MgCl_2$, 1 mM $CaCl_2$, 5 mM glucose, 20 mM HEPES, pH 7.4), which reduces the membrane potential. Arrows indicate membrane particles. (**b**) Recovery of the membrane potential led to the influx of R12-Alexa488 into cells. HeLa cells were treated with R12-Alexa (5 μM) in K^+-rich buffer for 10 minutes at 37°C. An excess volume of Na^+-rich buffer was then added to the medium. Scale bar = 20 μm.