



Fig. 4. Fluorescence micrographs of DAPI-stained protoplasts (top row) and sphaeroplasts (bottom row) after enucleation using enucleation medium synchronization by nocodazole, but including discontinuous density gradient centrifugation: (a) *S. cerevisiae* 34 *rho*<sup>+</sup>; (b) *S. cerevisiae* 34 *rho*<sup>+</sup>; (c) *S. cerevisiae* 34 *rho*<sup>-</sup>. Large bright spots visible in some cells are nuclei, but the small spots in *rho*<sup>+</sup> strains are mitochondria. In all micrographs, the bar represents 8