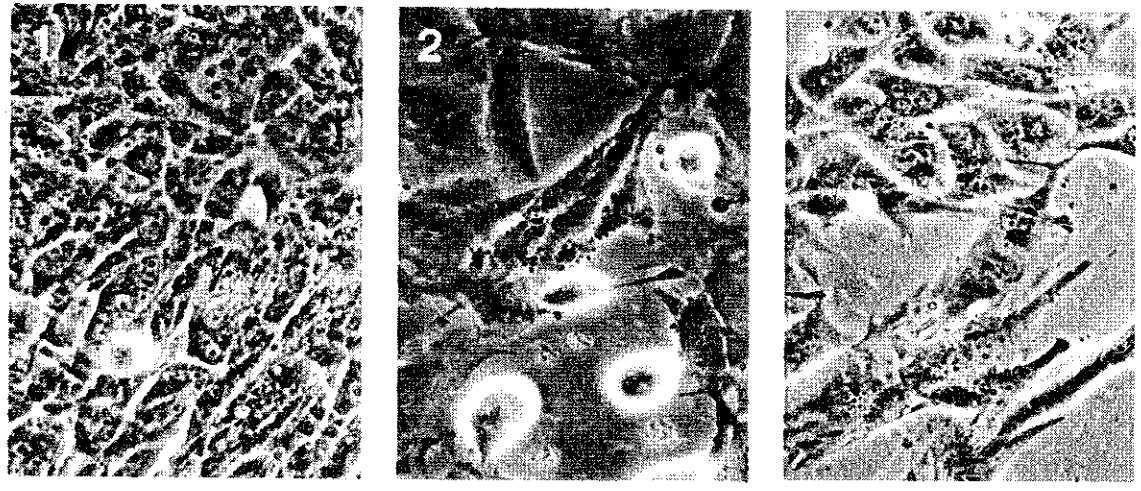

Fig. 1 Effects of cell density and serum starvation on PrP^C expression in T98G cells. T98G cells were incubated with the 10% FCS-RPMI 1640 medium (1 and 2) or with the 0.01% BSA-RPMI 1640 medium for the last 1 day (3) at various cell densities. The morphological differences of T98G cells were photographed using phase-contrast microscopy.

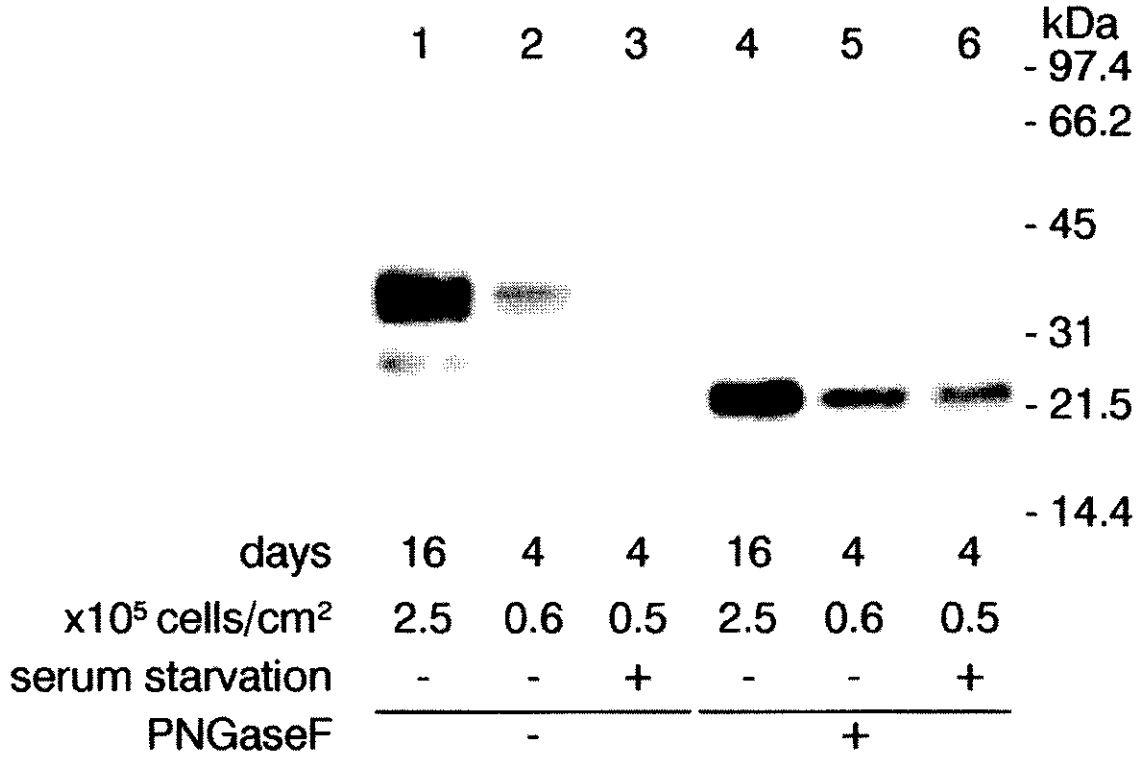

Fig. 2 Effects of cell density and serum starvation on PrP^C expression in T98G cells. T98G cells shown in Fig. 1 were harvested. The whole cell lysates (10 μg for each) were treated without (lanes 1, 2 and 3) or with (lanes 4, 5 and 6) PNGase F to remove Asn-linked glycans and analyzed by immunoblotting with 3F4 anti-PrP antibody.

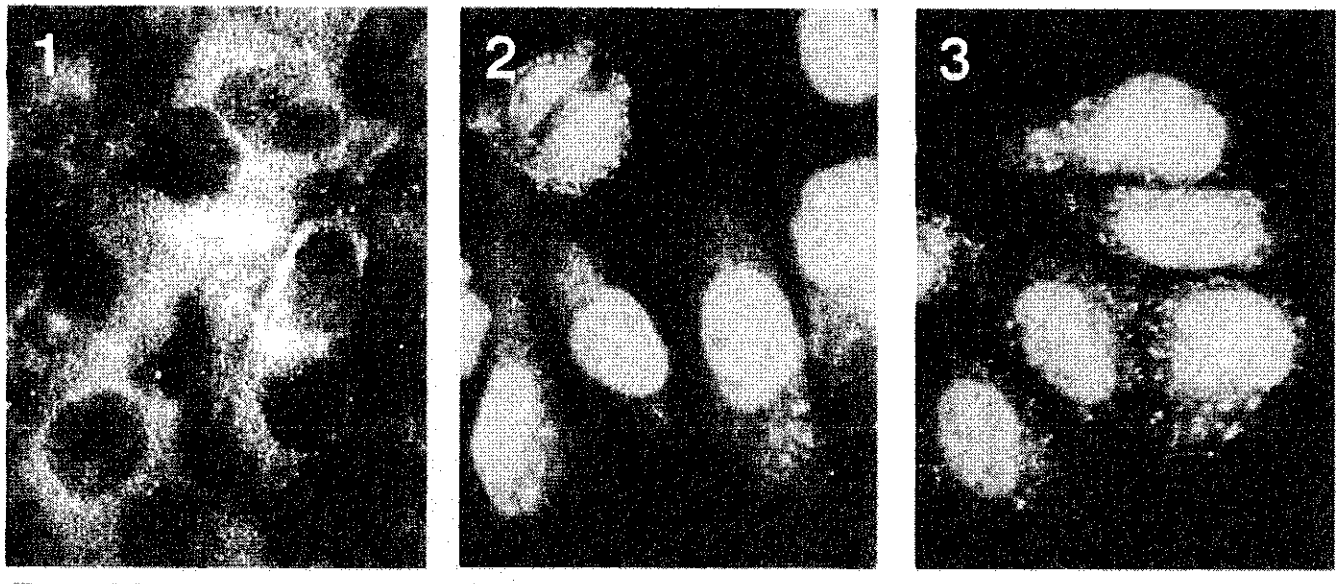

Fig. 3 Indirect immunofluorescence staining of T98G cells.
T98G cells were cultured at the same conditions shown in Fig. 1. The cells were subjected to indirect immunofluorescence staining with the goat anti-PrP (PrP 27-30) polyclonal antibodies.

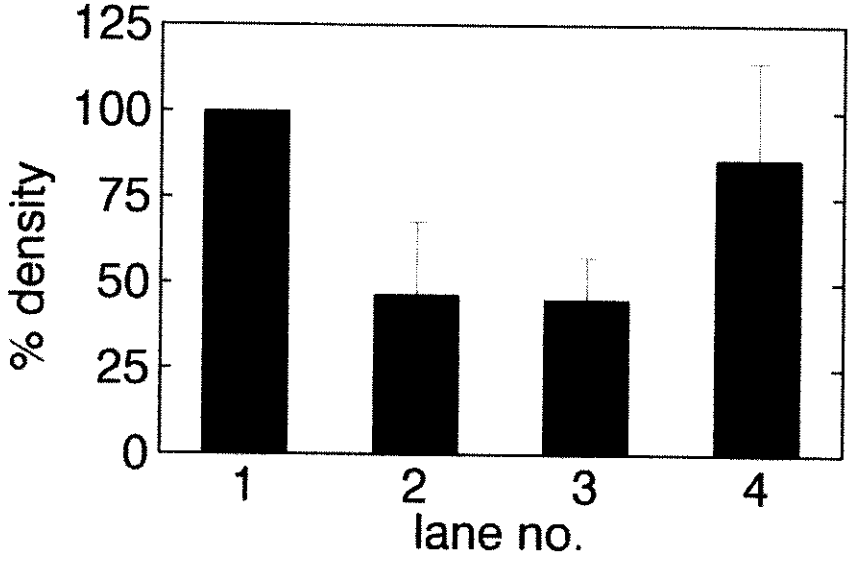

Fig. 4 Effects of hPrP (106-126) peptide on PrP^C expression in T98G cells.
T98G cells were cultured in the absence (lanes 1 and 2) or in the presence (lanes 3 and 4) of 0.52 μM hPrP (106-126) at various cell densities. The whole cell lysates (10 μg for each) were treated with PNGase F and analyzed by immunoblotting with anti-PrP antibody, 3F4.
The amounts of PrP^C were measured by computer-assisted densitometric analysis of the bands of 25 kDa deglycosylated form of PrP^C. The integrated intensities were shown as the percentages to the intensity of the band on lane 1.