

## Cytotoxic effect of achatinin<sub>H</sub> (lectin) from *Achatina fulica* against a human mammary carcinoma cell line (MCF7)

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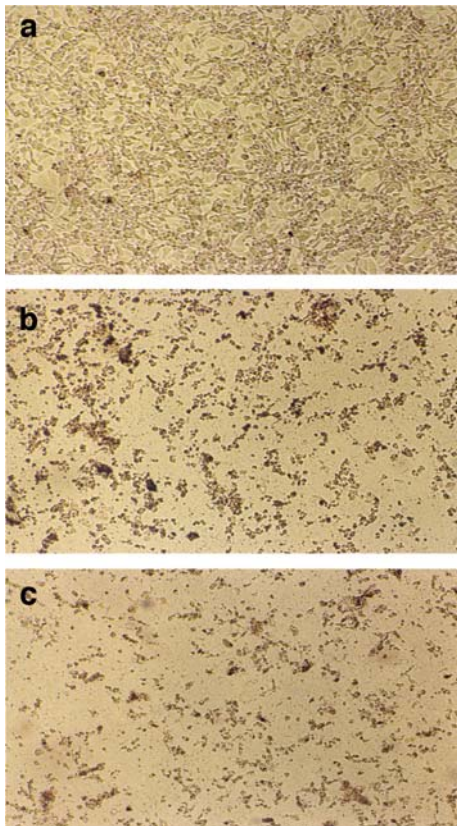
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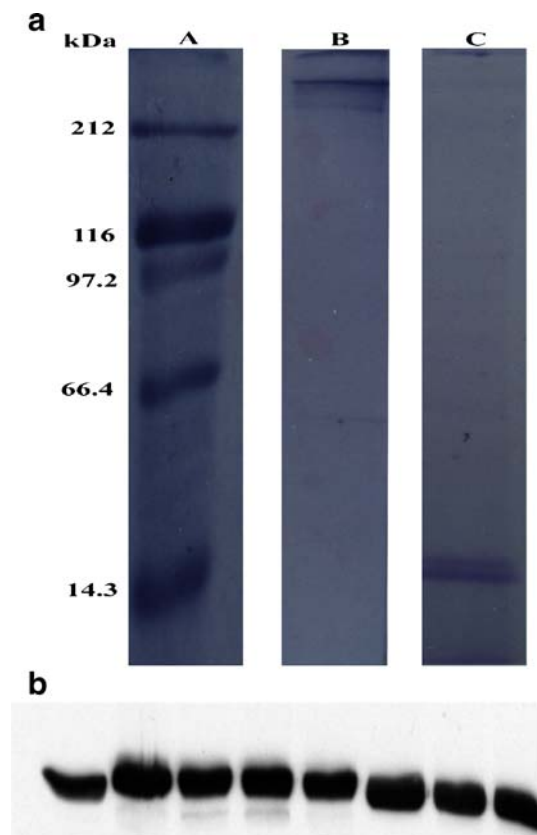
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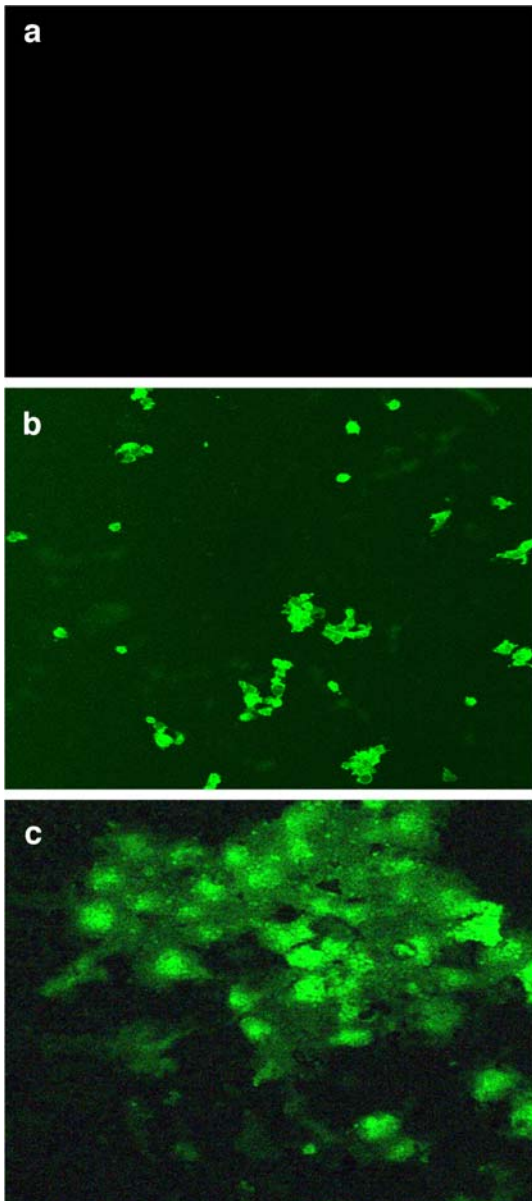
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**Figure 2.** MCF7 cells were incubated with achatinin<sub>H</sub> (8 µg/ml). After 24 and 48 h the cells showed morphological changes (magnification 20 ×). (a) Control, (b) Cells treated with achatinin<sub>H</sub> for 24 h (c) Cells treated with achatinin<sub>H</sub> for 48 h.



**Figure 3.** Electrophoresis of purified achatinin<sub>H</sub>. (a) Lane A, molecular weight markers: 212, myosin ; 116, β-galactosidase ; 97.2, phosphorylase B; 66.4, bovine serum albumin; and 14.3, lysozyme. Lane B, SDS - PAGE without β ME; lane C, SDS-PAGE with β ME. (b) Western blot of achatinin<sub>H</sub> with anti-achatinin<sub>H</sub> raised in rabbits.



**Figure 5.** Achatinin<sub>H</sub> binding to MCF7 breast cancer cell line detected by immunofluorescence assay. (a) Control, (b) MCF7 cells treated with achatinin<sub>H</sub> for 48 h (magnification 20 ×) (c) cells treated with achatinin<sub>H</sub> for 48 h (magnification 60 ×).